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"COMPUTER AIDED DESIGN OF BRAID PARAMETERS FOR COAXIAL CABLE"
BY J. SPERGEL, USA ELCT TECH & DEV LAB

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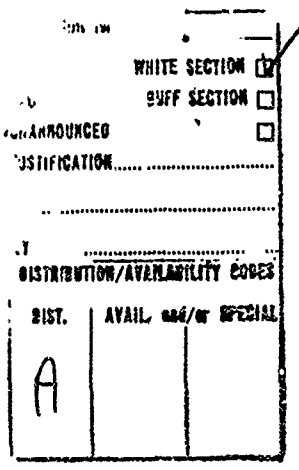

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13. ABSTRACT

A computer program was designed to calculate braid parameters for coaxial cable such as percent coverage, fill factor, angle, attenuation factor ($K_b$). Data is provided over a range of carriers, picks, ends, strand diameter, and diameter over the dielectric.

Key words: braid, shield, coaxial, coverage, attenuation, fill factor

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# COMPUTER AIDED DESIGN OF BRAID PARAMETERS FOR COAXIAL CABLE

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INTRODUCTION: Shielding of coaxial cable as well as other special multi-conductor cable designs is becoming increasingly important to minimize electromagnetic radiation from or into the cable. Digital data transmission, broadband radio frequency circuits, sensitive audio or voice circuits, as well as high intensity voltages such as lightning or electromagnetic pulse (EMP) have established requirements for better shielding of cable. For cables whose application requires a high degree of flexibility (ease of bending and/or long flex life), braided conductors are frequently used in the cable design.

The cable design engineer who must establish the specification for the braid is faced with optimizing the design in regard to its shielding effectiveness, weight and cost, attenuation, and its flexibility. In order to provide the cable engineer with a tool to aid him in selecting a design, a computer program (Fortran IV) was developed for the enclosed series of tabular data which could be readily used to determine the physical parameters of the braid, as well as information to judge its potential flexibility and attenuation characteristics.

CALCULATIONS: Before discussing the data in the tables, brief review is given of the braid elements and the formulas used to calculate the various parameters.

Figure 1 schemtacially illustrates the elements of a braid design on a circular cable core which could represent the dielectric of a coaxial cable, or a stranded multi-conductor core, or a single insulated wire. The formulas for calculating the various braid parameters are derived from Figure 2 and are given by:

(1) $C = (2F - F^2) \times 100$
(2) $F = PNd/\sin A$
(3) $A = \tan^{-1} 2\pi(D + 2d)\, P/C$
(4) $W = (2 \quad D/d)\, Fw$
(5) $\alpha_c = C\left[(K_s/d) + (K_b/D)\right]\sqrt{f}$
(6) $K_b = 1.0/F \cos^2 A$

where:

C = percentage of area of cable surface covered by braid
F = fill factor (space or weight factor)
A = angle of braid wire with cable axis
D = diameter over cable core
d = strand (or braid wire) diameter
P = picks per inch
C = number of carriers
N = number of ends (braid wire) per carrier
W = weight of braid per unit length
w = weight of strand (braid wire) per unit length
$K_b$ = braiding factor which is used for attenuation calculations
$\alpha_c$ = attenuation of copper conductors in coaxial cable
C = constant for a given conductor material and cable impedance

TABULAR DATA: For a specified number of carriers, ends per carrier, and picks per inch, each table includes the coverage, fill factor, angle, and braiding factor as the strand diameter and diameter over dielectric is varied. There are forty-five such tables for each combination of 5 carriers (12, 16, 24, 36, 48), 3 picks per inch (3, 9, 15) and 3 ends per carrier (4, 7, 10). The strand diameters range from 0.003 to 0.010 inches and the diameter over dielectric range from 0.050 to 1.000 inches. These values are considered quite practical for most cable designs and interpolation or approximation can be easily made for any other combination of braid parameters. To provide data for smaller intervals within the range of ends and picks would result in an excessive number of tables. (For example, if the number of intervals were increased from 3 to 5 for the ends and picks, we would have 125 tables).

In using the tables, the following qualifications should be noted:

(a) The asterisk indicates that the coverage exceeds 100% or the braiding factor is less than 1, and is therefore not a realistic braid design. One-hundred percent coverage or braiding factor equal to 1 is equivalent to a solid conductor and a braid cannot be better than a solid conductor.

(b) Coverage of 100% in the table is the result of rounding off of the decimal to the nearest tenth, i.e., when the coverage is equal to or greater than 99.95%, it is printed out of the computer as 100.0%.

(c) The calculations are based on a tight braid design (i.e., mean diameter equal to D + 2d), and no allowance was made for air space or looseness. For larger size cables, it may be more accurate to use a mean diameter of (D + 3d) instead of (D + 2d). The data in the tables are limiting values and practical cables would actually have slightly lower coverage than those indicated because of manufacturing tolerances and variations.

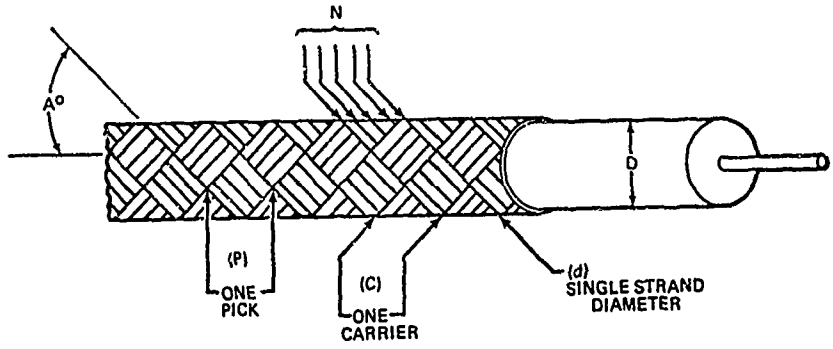
(d) The weight of the braid is not given in the table since the density or weight of the braid material must be known; however, it can be readily calculated from equation (4) for any specified braid material, strand diameter, and core diameter since the fill factor for the braid is given in the table.

(e) The braiding factor is useful in calculating outer conductor or shield attenuation. It is a measure of the ratio of the lay factor to the fill factor. The lay factor is the ratio of the actual length of wire to the linear length of cable, therefore, the greater the lay factor the greater the braiding factor. In addition, the fill factor is a measure of the surface area covered by the braid, therefore the lower the fill factor, the greater the braid factor. It is therefore reasonably apparent that the longer the braid wire relative to the length of cable and the lower the fill factor, the greater will be the braiding factor and, in turn, the attenuation.

REFERENCE: Spicer, L. R., "Relationships Between Attenuation and Wire Braid Design for Flexible Radio Frequency Cables," Electrical Communication, Vol. 40, No. 4, 1965, pp 487-492

Jack Spergel was born in Brooklyn, New York, on September 3, 1924. He attended City College of New York from 1942 to 1943, and served in the U. S. Army Air Corps from 1943 to 1945. After World War II, Mr. Spergel attended Cornell University, Ithaca, New York, where he received a B.E.E. degree in 1949. He is a Senior Member of IEEE.

Since 1949, he has been employed at the Electronic Technology and Devices Laboratory, U. S. Army Electronics Command, Ft. Monmouth, N. J., where he has been engaged in research and development of coaxial transmission lines, wire and cable, and electrical connectors. For the past eight years, Mr. Spergel has been Chief, Transmission and Electromechanical Devices Branch, responsible for the development of cables and connectors for USAECOM and coordinating such activities within Dept. of Army and DOD. He is currently the Army Representative to NATO Special Working Group AC/67(SWG/12) on "Electrical Connectors and Connections." For the past eight years, he has been Co-Chairman of the International Wire and Cable Symposium, and served as chairman of a USAMC Ad-Hoc Committee on a Handbook for Electrical Wire and Cable (ANCP 706-125). Mr. Spergel has published over 15 technical papers on the subject of connectors and/or cable, and has recently written a chapter on Coaxial Transmission Lines for a McGraw-Hill Handbook on Wire and Cable to be published in the near future.



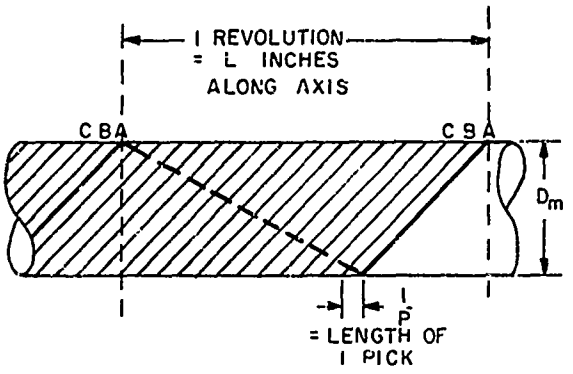

SHIELD-CONSTRUCTIONAL DETAILS
FIG. 1

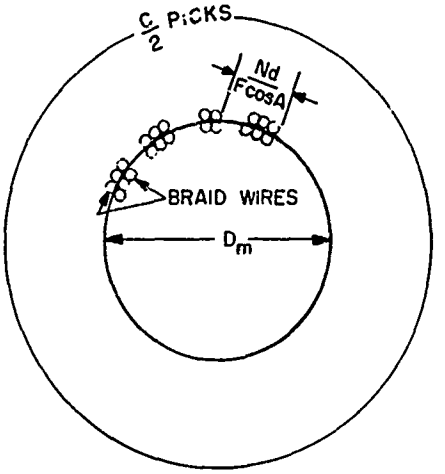
FORTRAN IV COMPUTER PROGRAM FOR CALCULATING BRAID PARAMETERS

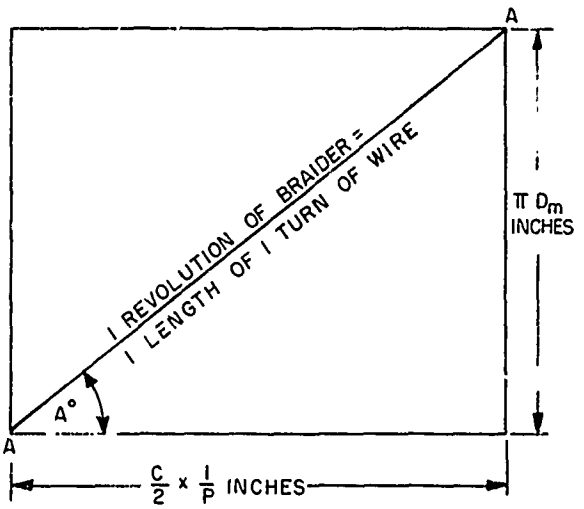
```
100  FILE 6=OUTPT, UNIT=PRINTER
200  REAL K(25),C(5),D(7),P(7),N(7),A(25),COV(25),DOD(25),F(25)
300 DATA C/12,16,24,36,48/,P/3,5,7,9,11,13,15/,
400 - N/4,5,6,7,8,9,10/,D/.003,.004,.005,.006,.007,.008,.010/
500 PI=4.*ATAN(1.)
700  5 FORMAT(1H1,45X,"BRAID DESIGN PARAMETERS FOR COAXIAL CABLE")
800  DO 100 KC=1,5,1
900  CR=C(KC)
1000  DO 100 I=1,7,3
1100  PK=P(I)
1200  DO 100 J=1,7,3
1300  EN=N(J)
1350 WRITE(6,5)
1400  WRITE(6,10)
1500  10 FORMAT(1H0,50X,"CARRIERS     PICKS     ENDS")
1600  WRITE(6,15) CR,PK,EN
1700  15 FORMAT(1H ,53X,I2,10X,I2,7X,I2)
1800  WRITE(6,20)
1900  20 FORMAT(1H0,"STR.DIA.",20X,"DIAMETER OVER DIELECTRIC")
2000  WRITE(6,25)
2100  25 FORMAT(1H0,12X,"0.050 0.100 0.150 0.200 0.250 0.300"
2200 -" 0.350 0.400 0.450 0.500 0.550 0.600 0.650 0.700 0.750"
2250 -" 0.800 0.850 0.900 0.950 1.000")
2300  DO 100 L=1,7
2400  SD=D(L)
2500  DO 150 M=1,20
2600  DOD(M)=FLOAT(M)/20
2700 A(M)=(180./PI)*ATAN(2.*PI*(DOD(M)+2.*SD)*PK/CR)
2800  F(M)=PK*EN*SD/SIN(A(M)*PI/180.)
2900  COV(M)=(2.*F(M)-F(M)**2)*100
3000  K(M)=1.0/(F(M)*(COS(A(M)*PI/180.))**2)
3100  IF(F(M).LE.1.0)GO TO 150
3150   COV(M)=10E50
3160  K(M)=10E50
3200  150 CONTINUE
3300  WRITE(6,30)SD,(COV(M),M=1,20)
3400  30FORMAT(1H0,F6.3,3X,"%C",20F6.1)
3420  WRITE(6,55) (F(M),M=1,20)
3440  55FORMAT(1H ,10X,"F",20F6.3)
3500  WRITE(6,35) (A(M),M=1,20)
3600  35FORMAT(1H ,10X,"A",20F6.1)
3700  WRITE(6,40) (K(M),M=1,20)
3800  40FORMAT(1H ,10X,"K",20F6.2)
3850  100 CONTINUE
3900  STOP
4000  END
```

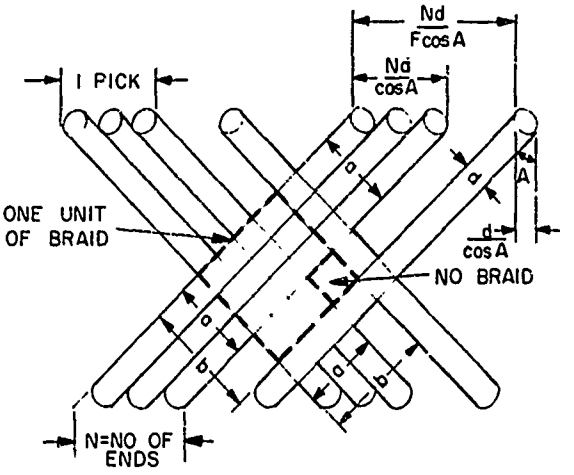


4




$D_m = (D + 2d)$ mean diameter

Length of lay = C/2P = Number of picks x length of pick

$\tan A = \pi D_m/(C/2P) = 2\pi(D + 2d)P/C$

$A = \tan^{-1} 2\pi(D + 2d)P/C$

F = a/b = fill factor, i.e., the ratio of the actual width of one pick to the width of one pick for 100% coverage

Width of one pick = Nd/CosA

Number of picks = C 2

Average circumference = $\pi D_m$ = (Nd F CosA) (C 2)

$\text{CosA} = NdC/2\pi D_m F$

$(\text{CosA})(\text{Tan A}) = \sin A = (NdC/2\pi D_m F)(2\pi D_m P/C)$

$F = NdP/\sin A$

% Coverage = $\frac{\text{actual area of braid}}{\text{total surface area}} \times 100$

$$= \frac{b^2 - (b-a)^2}{b^2} = \frac{b^2 - b^2 + 2ab - a^2}{b^2}$$

$$\% \text{ Coverage} = \frac{2ab}{b^2} - \frac{a^2}{b^2} = 2\left(\frac{a}{b}\right) - \left(\frac{a}{b}\right)^2 = 2F - F^2$$

From Reference:

Braiding Factor, $K_b$, is ratio of lay factor $K_1$ to fill factor, F.

Lay factor is defined as $K_1 = 1 + \tan^2 A$

$K_b = K_1/F = (1 + \tan^2 A)/F$

$K_b = 1/F \cos^2 A$

FIG. 2

## BRAID DESIGN PARAMETERS FOR COAXIAL CABLE

CARRIERS 12 PICKS 3 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 65.3 | 39.0 | 28.0 | 22.0 | 18.4 | 15.9 | 14.2 | 12.9 | 12.0 | 11.2 | 10.6 | 10.2 | 9.8 | 9.5 | 9.2 | 9.0 | 8.8 | 8.6 | 8.5 | 8.3 |
| | F | 0.411 | 0.219 | 0.151 | 0.117 | 0.096 | 0.083 | 0.074 | 0.067 | 0.062 | 0.058 | 0.055 | 0.052 | 0.050 | 0.048 | 0.047 | 0.046 | 0.045 | 0.044 | 0.043 | 0.043 |
| | A | 5.0 | 9.5 | 13.8 | 17.9 | 21.9 | 25.7 | 29.2 | 32.5 | 35.6 | 38.5 | 41.1 | 43.6 | 45.9 | 48.0 | 49.9 | 51.7 | 53.4 | 54.9 | 56.3 | 57.7 |
| | K | 2.45 | 4.69 | 7.01 | 9.45 | 12.04 | 14.81 | 17.80 | 21.01 | 24.47 | 28.20 | 32.21 | 36.51 | 41.10 | 46.00 | 51.21 | 56.74 | 62.59 | 68.76 | 75.26 | 82.09 |
| 0.004 | %C | 77.8 | 49.2 | 35.9 | 28.5 | 23.9 | 20.8 | 18.6 | 17.0 | 15.8 | 14.8 | 14.0 | 13.4 | 12.9 | 12.5 | 12.1 | 11.8 | 11.6 | 11.4 | 11.2 | 11.0 |
| | F | 0.529 | 0.287 | 0.199 | 0.155 | 0.128 | 0.110 | 0.098 | 0.089 | 0.082 | 0.077 | 0.073 | 0.069 | 0.067 | 0.065 | 0.063 | 0.061 | 0.060 | 0.059 | 0.058 | 0.057 |
| | A | 5.2 | 9.6 | 13.9 | 18.1 | 22.1 | 25.8 | 29.4 | 32.7 | 35.7 | 38.6 | 41.2 | 43.7 | 45.9 | 48.0 | 50.0 | 51.8 | 53.4 | 55.0 | 56.4 | 57.7 |
| | K | 1.91 | 3.53 | 5.33 | 7.16 | 9.11 | 11.20 | 13.44 | 15.86 | 18.46 | 21.27 | 24.28 | 27.51 | 30.97 | 34.65 | 38.57 | 42.73 | 47.12 | 51.76 | 56.64 | 61.77 |
| 0.005 | %C | 87.6 | 56.1 | 43.2 | 34.6 | 29.2 | 25.5 | 22.9 | 20.9 | 19.4 | 18.3 | 17.3 | 16.6 | 16.0 | 15.5 | 15.0 | 14.7 | 14.4 | 14.1 | 13.9 | 13.7 |
| | F | 0.639 | 0.352 | 0.246 | 0.192 | 0.159 | 0.137 | 0.122 | 0.111 | 0.102 | 0.096 | 0.091 | 0.087 | 0.083 | 0.081 | 0.078 | 0.076 | 0.075 | 0.073 | 0.072 | 0.071 |
| | A | 5.4 | 9.8 | 14.1 | 18.3 | 22.2 | 26.0 | 29.5 | 32.8 | 35.9 | 38.7 | 41.3 | 43.8 | 46.0 | 48.1 | 50.0 | 51.8 | 53.5 | 55.0 | 56.4 | 57.8 |
| | K | 1.58 | 2.92 | 4.52 | 5.79 | 7.35 | 9.03 | 10.83 | 12.77 | 14.86 | 17.11 | 19.53 | 22.12 | 24.89 | 27.84 | 30.99 | 34.32 | 37.84 | 41.56 | 45.48 | 49.59 |
| 0.006 | %C | 93.4 | 65.8 | 49.9 | 40.4 | 34.3 | 30.0 | 27.0 | 24.7 | 23.0 | 21.7 | 20.6 | 19.7 | 19.0 | 18.4 | 17.9 | 17.5 | 17.1 | 16.8 | 16.5 | 16.3 |
| | F | 0.743 | 0.416 | 0.292 | 0.228 | 0.189 | 0.164 | 0.146 | 0.133 | 0.123 | 0.115 | 0.109 | 0.104 | 0.100 | 0.097 | 0.094 | 0.091 | 0.090 | 0.088 | 0.086 | 0.085 |
| | A | 5.6 | 10.0 | 14.3 | 18.4 | 22.4 | 26.1 | 29.6 | 32.9 | 36.0 | 38.8 | 41.4 | 43.9 | 46.1 | 48.2 | 50.1 | 51.9 | 53.6 | 55.1 | 56.5 | 57.8 |
| | K | 1.36 | 2.48 | 3.65 | 4.87 | 6.18 | 7.58 | 9.09 | 10.71 | 12.45 | 14.33 | 16.35 | 18.52 | 20.84 | 23.30 | 25.93 | 28.71 | 31.66 | 34.76 | 38.03 | 41.46 |
| 0.007 | %C | 97.8 | 72.6 | 56.0 | 45.8 | 39.0 | 34.4 | 31.0 | 28.4 | 26.5 | 25.0 | 23.7 | 22.7 | 21.9 | 21.2 | 20.7 | 20.2 | 19.8 | 19.4 | 19.1 | 18.9 |
| | F | 0.840 | 0.477 | 0.337 | 0.264 | 0.219 | 0.190 | 0.169 | 0.154 | 0.143 | 0.134 | 0.127 | 0.121 | 0.116 | 0.113 | 0.109 | 0.107 | 0.104 | 0.102 | 0.101 | 0.099 |
| | A | 5.7 | 10.2 | 14.4 | 18.6 | 22.5 | 26.3 | 29.8 | 33.0 | 36.1 | 38.9 | 41.5 | 44.0 | 46.2 | 48.3 | 50.2 | 52.0 | 53.6 | 55.1 | 56.6 | 57.9 |
| | K | 1.20 | 2.17 | 3.17 | 4.22 | 5.34 | 6.55 | 7.84 | 9.23 | 10.74 | 12.35 | 14.09 | 15.95 | 17.94 | 20.06 | 22.32 | 24.71 | 27.24 | 29.90 | 32.71 | 35.66 |
| 0.008 | %C | 99.5 | 78.4 | 61.6 | 50.8 | 43.6 | 38.5 | 34.8 | 32.0 | 29.9 | 28.2 | 26.8 | 25.7 | 24.8 | 24.0 | 23.4 | 22.9 | 22.4 | 22.0 | 21.7 | 21.4 |
| | F | 0.931 | 0.536 | 0.380 | 0.299 | 0.249 | 0.216 | 0.193 | 0.175 | 0.163 | 0.152 | 0.144 | 0.138 | 0.133 | 0.128 | 0.125 | 0.122 | 0.119 | 0.117 | 0.115 | 0.113 |
| | A | 5.9 | 10.3 | 14.6 | 18.7 | 22.7 | 26.4 | 29.9 | 33.2 | 36.2 | 39.0 | 41.6 | 44.1 | 46.3 | 48.4 | 50.3 | 52.0 | 53.7 | 55.2 | 56.6 | 57.9 |
| | K | 1.09 | 1.93 | 2.81 | 3.73 | 4.72 | 5.77 | 6.91 | 8.13 | 9.45 | 10.87 | 12.39 | 14.03 | 15.77 | 17.63 | 19.61 | 21.71 | 23.92 | 26.26 | 28.72 | 31.31 |
| 0.010 | %C | ****** | 87.6 | 71.4 | 60.0 | 52.0 | 46.3 | 42.1 | 38.8 | 36.3 | 34.3 | 32.7 | 31.4 | 30.4 | 29.5 | 28.7 | 28.1 | 27.5 | 27.1 | 26.6 | 26.3 |
| | F | 1.098 | 0.648 | 0.465 | 0.367 | 0.307 | 0.267 | 0.239 | 0.218 | 0.202 | 0.190 | 0.180 | 0.172 | 0.166 | 0.160 | 0.156 | 0.152 | 0.149 | 0.146 | 0.144 | 0.141 |
| | A | 6.1 | 10.7 | 15.0 | 19.1 | 23.0 | 26.7 | 30.2 | 33.4 | 36.4 | 39.2 | 41.8 | 44.2 | 46.5 | 48.5 | 50.4 | 52.2 | 53.8 | 55.3 | 56.7 | 58.0 |
| | K | ****** | 1.60 | 2.30 | 3.05 | 3.84 | 4.69 | 5.60 | 6.59 | 7.65 | 8.79 | 10.01 | 11.33 | 12.73 | 14.23 | 15.82 | 17.50 | 19.28 | 21.16 | 23.14 | 25.22 |

CARRIERS 12 PICKS 3 ENDS 7

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 92.1 | 62.0 | 45.9 | 36.7 | 30.9 | 27.0 | 24.1 | 22.1 | 20.5 | 19.2 | 18.2 | 17.4 | 16.8 | 16.2 | 15.8 | 15.4 | 15.1 | 14.8 | 14.6 | 14.4 |
| | F | 0.719 | 0.384 | 0.265 | 0.205 | 0.169 | 0.145 | 0.129 | 0.117 | 0.108 | 0.101 | 0.096 | 0.091 | 0.088 | 0.085 | 0.082 | 0.080 | 0.079 | 0.077 | 0.076 | 0.075 |
| | A | 5.0 | 9.5 | 13.8 | 17.9 | 21.9 | 25.7 | 29.2 | 32.5 | 35.6 | 38.5 | 41.1 | 43.6 | 45.9 | 48.0 | 49.9 | 51.7 | 53.4 | 54.9 | 56.3 | 57.7 |
| | K | 1.40 | 2.68 | 4.00 | 5.40 | 6.88 | 8.47 | 10.17 | 12.01 | 13.99 | 16.12 | 18.41 | 20.86 | 23.49 | 26.29 | 29.26 | 32.42 | 35.76 | 39.29 | 43.00 | 46.91 |
| 0.004 | %C | 99.4 | 75.2 | 57.6 | 46.8 | 39.7 | 34.9 | 31.3 | 28.7 | 26.7 | 25.1 | 23.9 | 22.8 | 22.0 | 21.3 | 20.7 | 20.2 | 19.8 | 19.5 | 19.2 | 18.9 |
| | F | 0.926 | 0.502 | 0.349 | 0.270 | 0.224 | 0.193 | 0.171 | 0.156 | 0.144 | 0.135 | 0.127 | 0.122 | 0.117 | 0.113 | 0.110 | 0.107 | 0.105 | 0.103 | 0.101 | 0.099 |
| | A | 5.2 | 9.6 | 13.9 | 18.1 | 22.1 | 25.8 | 29.4 | 32.7 | 35.7 | 38.6 | 41.2 | 43.7 | 45.9 | 48.0 | 50.0 | 51.8 | 53.4 | 55.0 | 56.4 | 57.7 |
| | K | 1.09 | 2.05 | 3.04 | 4.09 | 5.21 | 6.40 | 7.68 | 9.06 | 10.55 | 12.15 | 13.88 | 15.72 | 17.70 | 19.80 | 22.04 | 24.41 | 26.93 | 29.58 | 32.37 | 35.30 |
| 0.005 | %C | ****** | 85.3 | 67.6 | 55.8 | 47.8 | 42.2 | 38.1 | 35.0 | 32.6 | 30.8 | 29.3 | 28.1 | 27.0 | 26.2 | 25.5 | 24.9 | 24.4 | 24.0 | 23.6 | 23.3 |
| | F | 1.119 | 0.617 | 0.431 | 0.335 | 0.278 | 0.240 | 0.213 | 0.194 | 0.179 | 0.168 | 0.159 | 0.152 | 0.146 | 0.141 | 0.137 | 0.134 | 0.131 | 0.128 | 0.126 | 0.124 |
| | A | 5.4 | 9.8 | 14.1 | 18.3 | 22.2 | 26.0 | 29.5 | 32.8 | 35.9 | 38.7 | 41.3 | 43.8 | 46.0 | 48.1 | 50.0 | 51.8 | 53.5 | 55.0 | 56.4 | 57.8 |
| | K | ****** | 1.67 | 2.47 | 3.31 | 4.20 | 5.16 | 6.19 | 7.30 | 8.49 | 9.78 | 11.16 | 12.64 | 14.22 | 15.91 | 17.71 | 19.61 | 21.62 | 23.75 | 25.99 | 28.34 |
| 0.006 | %C | ****** | 92.6 | 76.1 | 63.9 | 55.3 | 49.1 | 44.5 | 41.0 | 38.3 | 36.2 | 34.5 | 33.1 | 31.9 | 30.9 | 30.1 | 29.5 | 28.9 | 28.4 | 27.9 | 27.6 |
| | F | 1.300 | 0.727 | 0.511 | 0.399 | 0.331 | 0.286 | 0.255 | 0.232 | 0.215 | 0.201 | 0.190 | 0.182 | 0.175 | 0.169 | 0.164 | 0.160 | 0.157 | 0.154 | 0.151 | 0.149 |
| | A | 5.6 | 10.0 | 14.3 | 18.4 | 22.4 | 26.1 | 29.6 | 32.9 | 36.0 | 38.8 | 41.4 | 43.9 | 46.1 | 48.2 | 50.1 | 51.9 | 53.6 | 55.1 | 56.5 | 57.8 |
| | K | ****** | 1.42 | 2.08 | 2.79 | 3.53 | 4.33 | 5.19 | 6.12 | 7.12 | 8.19 | 9.35 | 10.58 | 11.91 | 13.32 | 14.82 | 16.41 | 18.09 | 19.86 | 21.73 | 23.69 |
| 0.007 | %C | ****** | 97.2 | 83.1 | 71.0 | 62.0 | 55.4 | 50.5 | 46.7 | 43.7 | 41.3 | 39.4 | 37.9 | 36.6 | 35.5 | 34.6 | 33.8 | 33.2 | 32.6 | 32.1 | 31.7 |
| | F | 1.470 | 0.834 | 0.589 | 0.461 | 0.384 | 0.332 | 0.296 | 0.270 | 0.250 | 0.234 | 0.222 | 0.212 | 0.204 | 0.197 | 0.191 | 0.187 | 0.183 | 0.179 | 0.176 | 0.174 |
| | A | 5.7 | 10.2 | 14.4 | 18.6 | 22.5 | 26.3 | 29.8 | 33.0 | 36.1 | 38.9 | 41.5 | 44.0 | 46.2 | 48.3 | 50.2 | 52.0 | 53.6 | 55.1 | 56.6 | 57.9 |
| | K | ****** | 1.24 | 1.81 | 2.41 | 3.05 | 3.74 | 4.48 | 5.28 | 6.14 | 7.06 | 8.05 | 9.12 | 10.25 | 11.46 | 12.75 | 14.12 | 15.56 | 17.09 | 18.69 | 20.38 |
| 0.008 | %C | ****** | 99.6 | 88.8 | 77.2 | 68.2 | 61.3 | 56.1 | 52.0 | 48.8 | 46.2 | 44.2 | 42.5 | 41.1 | 39.9 | 38.9 | 38.1 | 37.4 | 36.7 | 36.2 | 35.7 |
| | F | 1.629 | 0.937 | 0.666 | 0.523 | 0.436 | 0.378 | 0.337 | 0.307 | 0.284 | 0.267 | 0.253 | 0.242 | 0.232 | 0.225 | 0.218 | 0.213 | 0.209 | 0.205 | 0.201 | 0.198 |
| | A | 5.9 | 10.3 | 14.6 | 18.7 | 22.7 | 26.4 | 29.9 | 33.2 | 36.2 | 39.0 | 41.6 | 44.1 | 46.3 | 48.4 | 50.3 | 52.0 | 53.7 | 55.2 | 56.6 | 57.9 |
| | K | ****** | 1.10 | 1.60 | 2.13 | 2.70 | 3.30 | 3.95 | 4.65 | 5.40 | 6.21 | 7.08 | 8.01 | 9.01 | 10.08 | 11.21 | 12.40 | 13.67 | 15.01 | 16.41 | 17.89 |
| 0.010 | %C | ********** | 96.5 | 87.3 | 78.6 | 71.7 | 66.1 | 61.7 | 58.2 | 55.4 | 53.1 | 51.1 | 49.5 | 48.2 | 47.1 | 46.1 | 45.3 | 44.6 | 43.9 | 43.4 | |
| | F | 1.921 | 1.134 | 0.814 | 0.643 | 0.538 | 0.468 | 0.418 | 0.381 | 0.354 | 0.332 | 0.315 | 0.301 | 0.290 | 0.280 | 0.272 | 0.266 | 0.260 | 0.255 | 0.251 | 0.248 |
| | A | 6.3 | 10.7 | 15.0 | 19.1 | 23.0 | 26.7 | 30.2 | 33.4 | 36.4 | 39.2 | 41.8 | 44.2 | 46.5 | 48.5 | 50.4 | 52.2 | 53.8 | 55.3 | 56.7 | 58.0 |
| | K | ********** | 1.32 | 1.74 | 2.19 | 2.68 | 3.20 | 3.76 | 4.37 | 5.02 | 5.72 | 6.47 | 7.28 | 8.13 | 9.04 | 10.00 | 11.02 | 12.09 | 13.22 | 14.41 | |

CARRIERS 12 PICKS 3 ENDS 10

| TR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 79.6 | 61.3 | 49.9 | 42.4 | 37.2 | 33.5 | 30.7 | 28.5 | 26.8 | 25.5 | 24.4 | 23.5 | 22.8 | 22.1 | 21.6 | 21.2 | 20.8 | 20.5 | 20.2 | |
| | F 1.027 | 0.548 | 0.378 | 0.292 | 0.241 | 0.208 | 0.184 | 0.167 | 0.155 | 0.145 | 0.137 | 0.131 | 0.125 | 0.121 | 0.118 | 0.115 | 0.112 | 0.110 | 0.108 | 0.107 | |
| | A 5.0 | 9.5 | 13.8 | 17.9 | 21.9 | 25.7 | 29.2 | 32.5 | 35.6 | 38.5 | 41.1 | 43.6 | 45.9 | 48.0 | 49.9 | 51.7 | 53.4 | 54.9 | 56.3 | 57.7 | |
| | K****** | 1.88 | 2.80 | 3.78 | 4.82 | 5.93 | 7.12 | 8.40 | 9.79 | 11.28 | 12.88 | 14.60 | 16.44 | 18.40 | 20.48 | 22.70 | 25.03 | 27.50 | 30.10 | 32.83 | |
| 0.004 | %C****** | 92.0 | 74.8 | 62.3 | 53.7 | 47.5 | 43.0 | 39.5 | 36.9 | 34.8 | 33.1 | 31.7 | 30.6 | 29.7 | 28.9 | 28.2 | 27.7 | 27.2 | 26.7 | 26.4 | |
| | F 1.323 | 0.717 | 0.498 | 0.386 | 0.319 | 0.276 | 0.245 | 0.222 | 0.205 | 0.192 | 0.182 | 0.174 | 0.167 | 0.161 | 0.157 | 0.153 | 0.149 | 0.147 | 0.144 | 0.142 | |
| | A 5.2 | 9.6 | 13.9 | 18.1 | 22.1 | 25.8 | 29.4 | 32.7 | 35.7 | 38.6 | 41.2 | 43.7 | 45.9 | 48.0 | 50.0 | 51.8 | 53.4 | 55.0 | 56.4 | 57.7 | |
| | K****** | 1.43 | 2.13 | 2.86 | 3.64 | 4.48 | 5.38 | 6.34 | 7.39 | 8.51 | 9.71 | 11.01 | 12.39 | 13.86 | 15.43 | 17.09 | 18.85 | 20.70 | 22.66 | 24.71 | |
| 0.005 | %C****** | 98.6 | 85.2 | 72.8 | 63.6 | 56.8 | 51.7 | 47.7 | 44.7 | 42.2 | 40.3 | 38.7 | 37.3 | 36.2 | 35.3 | 34.5 | 33.8 | 33.3 | 32.8 | 32.3 | |
| | F 1.599 | 0.881 | 0.615 | 0.479 | 0.397 | 0.343 | 0.305 | 0.277 | 0.256 | 0.240 | 0.227 | 0.217 | 0.208 | 0.201 | 0.196 | 0.191 | 0.187 | 0.183 | 0.180 | 0.177 | |
| | A 5.4 | 9.8 | 14.1 | 18.3 | 22.2 | 26.0 | 29.5 | 32.8 | 35.9 | 38.7 | 41.3 | 43.8 | 46.0 | 48.1 | 50.0 | 51.8 | 53.5 | 55.0 | 56.4 | 57.8 | |
| | K****** | 1.17 | 1.73 | 2.32 | 2.94 | 3.61 | 4.33 | 5.11 | 5.94 | 6.84 | 7.81 | 8.85 | 9.96 | 11.14 | 12.39 | 13.73 | 15.14 | 16.62 | 18.19 | 19.84 | |
| 0.006 | %C********** | 92.7 | 81.5 | 72.2 | 65.1 | 59.6 | 55.3 | 51.9 | 49.2 | 47.0 | 45.2 | 43.7 | 42.5 | 41.4 | 40.5 | 39.7 | 39.1 | 38.5 | 38.0 | | |
| | F 1.857 | 1.039 | 0.730 | 0.570 | 0.473 | 0.409 | 0.364 | 0.331 | 0.306 | 0.287 | 0.272 | 0.260 | 0.250 | 0.241 | 0.235 | 0.229 | 0.224 | 0.220 | 0.216 | 0.213 | |
| | A 5.6 | 10.0 | 14.3 | 18.4 | 22.4 | 26.1 | 29.6 | 32.9 | 36.0 | 38.8 | 41.4 | 43.9 | 46.1 | 48.2 | 50.1 | 51.9 | 53.6 | 55.1 | 56.5 | 57.8 | |
| | K********** | 1.46 | 1.95 | 2.47 | 3.03 | 3.63 | 4.28 | 4.98 | 5.73 | 6.54 | 7.41 | 8.33 | 9.32 | 10.37 | 11.48 | 12.66 | 13.90 | 15.21 | 16.59 | | |
| 0.007 | %C********** | 97.5 | 88.4 | 79.5 | 72.4 | 66.7 | 62.2 | 58.6 | 55.7 | 53.3 | 51.4 | 49.7 | 48.4 | 47.2 | 46.2 | 45.4 | 44.6 | 44.0 | 43.4 | | |
| | F 2.099 | 1.191 | 0.842 | 0.659 | 0.548 | 0.475 | 0.423 | 0.385 | 0.357 | 0.334 | 0.317 | 0.303 | 0.291 | 0.281 | 0.273 | 0.267 | 0.261 | 0.256 | 0.252 | 0.248 | |
| | A 5.7 | 10.2 | 14.4 | 18.6 | 22.5 | 26.3 | 29.8 | 33.0 | 36.1 | 38.9 | 41.5 | 44.0 | 46.2 | 48.3 | 50.2 | 52.0 | 53.6 | 55.1 | 56.6 | 57.9 | |
| | K********** | 1.27 | 1.69 | 2.14 | 2.62 | 3.14 | 3.69 | 4.29 | 4.94 | 5.64 | 6.38 | 7.18 | 8.03 | 8.93 | 9.88 | 10.89 | 11.96 | 13.08 | 14.26 | | |
| 0.008 | %C********** | 99.8 | 93.6 | 85.8 | 78.8 | 73.1 | 68.5 | 64.8 | 61.7 | 59.2 | 57.1 | 55.4 | 53.9 | 52.7 | 51.6 | 50.7 | 49.9 | 49.2 | 48.6 | | |
| | F 2.327 | 1.339 | 0.951 | 0.747 | 0.623 | 0.540 | 0.482 | 0.439 | 0.406 | 0.381 | 0.361 | 0.345 | 0.332 | 0.321 | 0.312 | 0.304 | 0.298 | 0.292 | 0.287 | 0.283 | |
| | A 5.9 | 10.3 | 14.6 | 18.7 | 22.7 | 26.4 | 29.9 | 33.2 | 36.2 | 39.0 | 41.6 | 44.1 | 46.3 | 48.4 | 50.3 | 52.0 | 53.7 | 55.2 | 56.6 | 57.9 | |
| | K********** | 1.12 | 1.49 | 1.89 | 2.31 | 2.76 | 3.25 | 3.78 | 4.35 | 4.96 | 5.61 | 6.31 | 7.05 | 7.84 | 8.68 | 9.57 | 10.50 | 11.49 | 12.52 | | |
| 0.010 | %C********** | 99.3 | 94.6 | 89.0 | 83.8 | 79.3 | 75.5 | 72.4 | 69.7 | 67.5 | 65.6 | 64.1 | 62.7 | 61.5 | 60.5 | 59.7 | 58.9 | 58.2 | | | |
| | F 2.745 | 1.620 | 1.163 | 0.918 | 0.768 | 0.668 | 0.597 | 0.545 | 0.505 | 0.474 | 0.450 | 0.430 | 0.414 | 0.400 | 0.389 | 0.380 | 0.372 | 0.365 | 0.359 | 0.354 | |
| | A 6.3 | 10.7 | 15.0 | 19.1 | 23.0 | 26.7 | 30.2 | 33.4 | 36.4 | 39.2 | 41.8 | 44.2 | 46.5 | 48.5 | 50.4 | 52.2 | 53.8 | 55.3 | 56.7 | 58.0 | |
| | K********** | 1.22 | 1.54 | 1.88 | 2.24 | 2.63 | 3.06 | 3.52 | 4.01 | 4.53 | 5.09 | 5.69 | 6.33 | 7.00 | 7.71 | 8.47 | 9.26 | 10.09 | | | |

CARRIERS 12 PICKS 9 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 66.7 | 42.5 | 33.1 | 28.6 | 26.1 | 24.6 | 23.6 | 22.9 | 22.4 | 22.1 | 21.8 | 21.6 | 21.4 | 21.3 | 21.2 | 21.1 | 21.0 | 21.0 | 20.9 | 20.9 |
| | F | 0.423 | 0.242 | 0.182 | 0.155 | 0.140 | 0.131 | 0.126 | 0.122 | 0.119 | 0.117 | 0.116 | 0.114 | 0.114 | 0.113 | 0.112 | 0.112 | 0.111 | 0.111 | 0.111 | 0.110 |
| | A | 14.8 | 26.5 | 36.3 | 44.1 | 50.3 | 55.3 | 59.2 | 62.4 | 65.0 | 67.2 | 69.1 | 70.7 | 72.1 | 73.3 | 74.3 | 75.2 | 76.1 | 76.8 | 77.5 | 78.1 |
| | K | 2.53 | 5.17 | 8.45 | 12.53 | 17.50 | 23.43 | 30.34 | 38.24 | 47.16 | 57.09 | 68.04 | 80.01 | 93.00 | 107.02 | 122.06 | 138.13 | 155.22 | 173.35 | 192.49 | 212.67 |
| 0.004 | %C | 79.4 | 53.4 | 42.4 | 36.9 | 33.8 | 31.9 | 30.7 | 29.8 | 29.2 | 28.8 | 28.5 | 28.2 | 28.0 | 27.8 | 27.7 | 27.6 | 27.5 | 27.4 | 27.3 | 27.3 |
| | F | 0.546 | 0.317 | 0.241 | 0.206 | 0.186 | 0.175 | 0.167 | 0.162 | 0.159 | 0.156 | 0.154 | 0.153 | 0.151 | 0.150 | 0.150 | 0.149 | 0.148 | 0.148 | 0.147 | 0.147 |
| | A | 15.3 | 27.0 | 36.7 | 44.4 | 50.6 | 55.4 | 59.3 | 62.5 | 65.1 | 67.3 | 69.2 | 70.8 | 72.1 | 73.3 | 74.4 | 75.3 | 76.1 | 76.8 | 77.5 | 78.1 |
| | K | 1.97 | 3.97 | 6.45 | 9.53 | 13.29 | 17.77 | 22.98 | 28.94 | 35.65 | 43.13 | 51.37 | 60.38 | 70.15 | 80.70 | 92.01 | 104.09 | 116.95 | 130.57 | 144.96 | 160.12 |
| 0.005 | %C | 88.5 | 62.9 | 50.9 | 44.6 | 41.1 | 38.9 | 37.4 | 36.4 | 35.7 | 35.2 | 34.8 | 34.5 | 34.2 | 34.0 | 33.9 | 33.8 | 33.6 | 33.5 | 33.5 | 33.4 |
| | F | 0.662 | 0.391 | 0.299 | 0.256 | 0.232 | 0.218 | 0.209 | 0.203 | 0.198 | 0.195 | 0.192 | 0.191 | 0.189 | 0.188 | 0.187 | 0.186 | 0.185 | 0.185 | 0.184 | 0.184 |
| | A | 15.8 | 27.4 | 37.0 | 44.7 | 50.8 | 55.6 | 59.5 | 62.6 | 65.2 | 67.4 | 69.2 | 70.8 | 72.2 | 73.4 | 74.4 | 75.3 | 76.1 | 76.9 | 77.5 | 78.1 |
| | K | 1.63 | 3.24 | 5.25 | 7.73 | 10.76 | 14.37 | 18.56 | 23.35 | 28.75 | 34.76 | 41.37 | 48.60 | 56.45 | 64.91 | 73.98 | 83.67 | 93.98 | 104.90 | 116.44 | 128.60 |
| 0.006 | %C | 94.7 | 71.1 | 58.5 | 51.8 | 47.9 | 45.4 | 43.8 | 42.7 | 41.9 | 41.3 | 40.8 | 40.5 | 40.2 | 40.0 | 39.8 | 39.7 | 39.5 | 39.4 | 39.3 | 39.3 |
| | F | 0.770 | 0.463 | 0.356 | 0.306 | 0.278 | 0.261 | 0.250 | 0.243 | 0.238 | 0.234 | 0.231 | 0.229 | 0.227 | 0.225 | 0.224 | 0.223 | 0.222 | 0.222 | 0.221 | 0.221 |
| | A | 16.3 | 27.8 | 37.4 | 45.0 | 51.0 | 55.8 | 59.6 | 62.7 | 65.3 | 67.5 | 69.3 | 70.9 | 72.2 | 73.4 | 74.4 | 75.4 | 76.2 | 76.9 | 77.6 | 78.2 |
| | K | 1.41 | 2.76 | 4.45 | 6.54 | 9.05 | 12.10 | 15.62 | 19.63 | 24.15 | 29.17 | 34.71 | 40.76 | 47.31 | 54.38 | 61.97 | 70.06 | 78.67 | 87.79 | 97.43 | 107.58 |
| 0.007 | %C | 98.4 | 78.1 | 65.4 | 58.4 | 54.2 | 51.6 | 49.8 | 48.6 | 47.7 | 47.1 | 46.6 | 46.2 | 45.9 | 45.7 | 45.5 | 45.3 | 45.2 | 45.0 | 44.9 | 44.9 |
| | F | 0.873 | 0.532 | 0.412 | 0.355 | 0.323 | 0.304 | 0.292 | 0.283 | 0.277 | 0.273 | 0.269 | 0.267 | 0.265 | 0.263 | 0.262 | 0.260 | 0.259 | 0.259 | 0.258 | 0.257 |
| | A | 16.8 | 28.2 | 37.7 | 45.2 | 51.2 | 55.9 | 59.8 | 62.9 | 65.4 | 67.6 | 69.4 | 70.9 | 72.3 | 73.4 | 74.5 | 75.4 | 76.2 | 76.9 | 77.6 | 78.2 |
| | K | 1.25 | 2.42 | 3.88 | 5.68 | 7.88 | 10.49 | 13.52 | 16.97 | 20.86 | 25.19 | 29.95 | 35.15 | 40.79 | 46.87 | 53.38 | 60.34 | 67.74 | 75.57 | 83.85 | 92.57 |
| 0.008 | %C | 99.9 | 84.0 | 71.6 | 64.4 | 60.1 | 57.3 | 55.5 | 54.2 | 53.3 | 52.6 | 52.1 | 51.6 | 51.3 | 51.1 | 50.8 | 50.7 | 50.5 | 50.4 | 50.3 | 50.2 |
| | F | 0.970 | 0.600 | 0.467 | 0.404 | 0.368 | 0.347 | 0.333 | 0.323 | 0.316 | 0.311 | 0.308 | 0.305 | 0.302 | 0.300 | 0.299 | 0.298 | 0.297 | 0.296 | 0.295 | 0.294 |
| | A | 17.3 | 28.7 | 38.0 | 45.5 | 51.4 | 56.1 | 59.9 | 63.0 | 65.5 | 67.6 | 69.4 | 71.0 | 72.3 | 73.5 | 74.5 | 75.4 | 76.2 | 77.0 | 77.6 | 78.2 |
| | K | 1.13 | 2.16 | 3.45 | 5.04 | 6.98 | 9.27 | 11.94 | 14.98 | 18.40 | 22.20 | 26.38 | 30.95 | 35.90 | 41.23 | 46.95 | 53.05 | 59.54 | 66.41 | 73.67 | 81.31 |
| 0.010 | %C | ****** | 92.8 | 82.0 | 75.0 | 70.6 | 67.7 | 65.8 | 64.4 | 63.4 | 62.6 | 62.1 | 61.6 | 61.3 | 61.0 | 60.7 | 60.5 | 60.4 | 60.2 | 60.1 | 60.0 |
| | F | 1.149 | 0.731 | 0.576 | 0.500 | 0.458 | 0.432 | 0.415 | 0.403 | 0.395 | 0.389 | 0.384 | 0.381 | 0.378 | 0.375 | 0.373 | 0.372 | 0.371 | 0.369 | 0.369 | 0.368 |
| | A | 18.3 | 29.5 | 38.7 | 46.0 | 51.8 | 56.4 | 60.2 | 63.2 | 65.7 | 67.8 | 69.6 | 71.1 | 72.4 | 73.6 | 74.6 | 75.5 | 76.3 | 77.0 | 77.7 | 78.2 |
| | K | ****** | 1.80 | 2.85 | 4.15 | 5.72 | 7.58 | 9.73 | 12.19 | 14.95 | 18.02 | 21.39 | 25.06 | 29.05 | 33.36 | 37.94 | 42.84 | 48.06 | 53.58 | 59.41 | 65.55 |

CARRIERS 12 PICKS 9 ENDS 7

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 93.3 | 66.7 | 53.6 | 46.9 | 43.1 | 40.7 | 39.2 | 38.1 | 37.3 | 36.8 | 36.4 | 36.0 | 35.8 | 35.6 | 35.4 | 35.3 | 35.2 | 35.1 | 35.0 | 34.9 |
| | F | 0.741 | 0.423 | 0.319 | 0.271 | 0.245 | 0.230 | 0.220 | 0.213 | 0.208 | 0.205 | 0.202 | 0.200 | 0.199 | 0.197 | 0.196 | 0.195 | 0.195 | 0.194 | 0.194 | 0.193 |
| | A | 14.8 | 26.5 | 36.3 | 44.1 | 50.3 | 55.3 | 59.2 | 62.4 | 65.0 | 67.2 | 69.1 | 70.7 | 72.1 | 73.3 | 74.3 | 75.2 | 76.1 | 76.8 | 77.5 | 78.1 |
| | K | 1.44 | 2.95 | 4.83 | 7.16 | 10.00 | 13.39 | 17.34 | 21.85 | 26.95 | 32.62 | 38.88 | 45.72 | 53.14 | 61.15 | 69.75 | 78.93 | 88.70 | 99.05 | 110.00 | 121.53 |
| 0.004 | %C | 99.8 | 80.2 | 66.6 | 59.0 | 54.6 | 51.8 | 50.0 | 48.7 | 47.8 | 47.2 | 46.7 | 46.3 | 45.9 | 45.7 | 45.5 | 45.3 | 45.2 | 45.1 | 45.0 | 44.9 |
| | F | 0.956 | 0.556 | 0.422 | 0.360 | 0.326 | 0.306 | 0.293 | 0.284 | 0.278 | 0.273 | 0.270 | 0.267 | 0.266 | 0.263 | 0.262 | 0.261 | 0.260 | 0.259 | 0.258 | 0.258 |
| | A | 15.3 | 27.0 | 36.7 | 44.4 | 50.6 | 55.4 | 59.3 | 62.5 | 65.1 | 67.3 | 69.2 | 70.8 | 72.1 | 73.3 | 74.4 | 75.3 | 76.1 | 76.8 | 77.5 | 78.1 |
| | K | 1.12 | 2.27 | 3.68 | 5.45 | 7.59 | 10.15 | 13.13 | 16.53 | 20.37 | 24.65 | 29.36 | 34.50 | 40.09 | 46.11 | 52.58 | 59.48 | 66.83 | 74.61 | 82.84 | 91.50 |
| 0.005 | %C | ****** | 90.0 | 77.3 | 69.5 | 64.8 | 61.8 | 59.8 | 58.4 | 57.3 | 56.6 | 56.0 | 55.6 | 55.2 | 54.9 | 54.7 | 54.5 | 54.4 | 54.2 | 54.1 | 54.0 |
| | F | 1.158 | 0.684 | 0.523 | 0.448 | 0.407 | 0.382 | 0.366 | 0.355 | 0.347 | 0.341 | 0.337 | 0.334 | 0.331 | 0.329 | 0.327 | 0.326 | 0.324 | 0.323 | 0.323 | 0.322 |
| | A | 15.8 | 27.4 | 37.0 | 44.7 | 50.8 | 55.6 | 59.5 | 62.6 | 65.2 | 67.4 | 69.2 | 70.8 | 72.2 | 73.4 | 74.4 | 75.3 | 76.1 | 76.9 | 77.5 | 78.1 |
| | K | ****** | 1.85 | 3.00 | 4.42 | 6.15 | 8.21 | 10.61 | 13.34 | 16.43 | 19.86 | 23.64 | 27.77 | 32.26 | 37.09 | 42.28 | 47.81 | 53.70 | 59.94 | 66.54 | 73.48 |
| 0.006 | %C | ****** | 96.4 | 85.8 | 78.4 | 73.6 | 70.5 | 68.4 | 67.0 | 65.9 | 65.1 | 64.5 | 64.0 | 63.6 | 63.3 | 63.1 | 62.9 | 62.7 | 62.6 | 62.4 | 62.3 |
| | F | 1.348 | 0.810 | 0.623 | 0.535 | 0.486 | 0.457 | 0.438 | 0.425 | 0.416 | 0.409 | 0.404 | 0.400 | 0.397 | 0.394 | 0.392 | 0.391 | 0.389 | 0.388 | 0.387 | 0.386 |
| | A | 16.3 | 27.8 | 37.4 | 45.0 | 51.0 | 55.8 | 59.6 | 62.7 | 65.3 | 67.5 | 69.3 | 70.9 | 72.2 | 73.4 | 74.4 | 75.4 | 76.2 | 76.9 | 77.6 | 78.2 |
| | K | ****** | 1.58 | 2.54 | 3.74 | 5.19 | 6.92 | 8.92 | 11.22 | 13.80 | 16.67 | 19.83 | 23.29 | 27.04 | 31.08 | 35.41 | 40.04 | 44.96 | 50.17 | 55.67 | 61.47 |
| 0.007 | %C | ****** | 99.5 | 92.2 | 85.6 | 81.1 | 78.1 | 76.0 | 74.6 | 73.5 | 72.7 | 72.0 | 71.5 | 71.2 | 70.8 | 70.6 | 70.4 | 70.2 | 70.0 | 69.9 | 69.8 |
| | F | 1.527 | 0.952 | 0.721 | 0.621 | 0.566 | 0.532 | 0.510 | 0.496 | 0.485 | 0.477 | 0.471 | 0.467 | 0.463 | 0.460 | 0.458 | 0.456 | 0.454 | 0.453 | 0.452 | 0.451 |
| | A | 16.8 | 28.2 | 37.7 | 45.2 | 51.2 | 55.9 | 59.8 | 62.9 | 65.4 | 67.6 | 69.4 | 70.9 | 72.3 | 73.4 | 74.5 | 75.4 | 76.2 | 76.9 | 77.6 | 78.2 |
| | K | ****** | 1.38 | 2.21 | 3.25 | 4.50 | 5.99 | 7.72 | 9.70 | 11.92 | 14.39 | 17.11 | 20.09 | 23.31 | 26.78 | 30.50 | 34.48 | 38.71 | 43.19 | 47.92 | 52.90 |
| 0.008 | %C | ********** | 96.7 | 91.4 | 87.4 | 84.6 | 82.6 | 81.1 | 80.1 | 79.3 | 78.7 | 78.2 | 77.8 | 77.5 | 77.2 | 77.0 | 76.9 | 76.7 | 76.6 | 76.5 | |
| | F | 1.697 | 1.051 | 0.818 | 0.707 | 0.645 | 0.607 | 0.583 | 0.566 | 0.554 | 0.545 | 0.538 | 0.533 | 0.529 | 0.526 | 0.523 | 0.521 | 0.519 | 0.517 | 0.516 | 0.515 |
| | A | 17.3 | 28.7 | 38.0 | 45.5 | 51.4 | 56.1 | 59.9 | 63.0 | 65.5 | 67.6 | 69.4 | 71.0 | 72.3 | 73.5 | 74.5 | 75.4 | 76.2 | 77.0 | 77.6 | 78.2 |
| | K | ********** | 1.97 | 2.88 | 3.99 | 5.30 | 6.82 | 8.56 | 10.51 | 12.68 | 15.07 | 17.68 | 20.51 | 23.56 | 26.83 | 30.31 | 34.02 | 37.95 | 42.10 | 46.46 | |
| 0.010 | %C | ********** | 98.4 | 96.1 | 94.0 | 92.5 | 91.3 | 90.5 | 89.8 | 89.3 | 88.8 | 88.5 | 88.2 | 88.0 | 87.8 | 87.6 | 87.5 | 87.4 | 87.3 | | |
| | F | 2.011 | 1.280 | 1.008 | 0.875 | 0.801 | 0.756 | 0.726 | 0.706 | 0.691 | 0.680 | 0.672 | 0.666 | 0.661 | 0.657 | 0.653 | 0.651 | 0.648 | 0.647 | 0.645 | 0.643 |
| | A | 18.3 | 29.5 | 38.7 | 46.0 | 51.8 | 56.4 | 60.2 | 63.2 | 65.7 | 67.8 | 69.6 | 71.1 | 72.4 | 73.6 | 74.6 | 75.5 | 76.3 | 77.0 | 77.7 | 78.2 |
| | K | ********** | 2.37 | 3.27 | 4.33 | 5.56 | 6.97 | 8.54 | 10.29 | 12.22 | 14.32 | 16.60 | 19.05 | 21.68 | 24.48 | 27.46 | 30.62 | 33.95 | 37.46 | | |

| | | CARRIERS | PICKS | ENDS |
|---|---|---|---|---|
| | | 12 | 9 | 10 |

STR.DIA. — DIAMETER OVER DIELECTRIC

| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.003 | %C****** | 84.3 | 70.4 | 62.5 | 57.8 | 54.9 | 53.0 | 51.6 | 50.7 | 50.0 | 49.4 | 49.0 | 48.7 | 48.4 | 48.2 | 48.0 | 47.9 | 47.8 | 47.7 | 47.6 | |
| | F | 1.058 | 0.604 | 0.456 | 0.388 | 0.351 | 0.329 | 0.314 | 0.305 | 0.298 | 0.293 | 0.289 | 0.286 | 0.284 | 0.282 | 0.280 | 0.279 | 0.278 | 0.277 | 0.277 | 0.276 |
| | A | 14.8 | 26.5 | 36.3 | 44.1 | 50.3 | 55.3 | 59.2 | 62.4 | 65.0 | 67.2 | 69.1 | 70.7 | 72.1 | 73.3 | 74.3 | 75.2 | 76.1 | 76.8 | 77.5 | 78.1 |
| | K****** | | 2.07 | 3.38 | 5.01 | 7.00 | 9.37 | 12.13 | 15.30 | 18.86 | 22.84 | 27.21 | 32.00 | 37.20 | 42.81 | 48.82 | 55.25 | 62.09 | 69.34 | 77.00 | 85.07 |
| 0.004 | %C****** | 95.7 | 84.2 | 76.4 | 71.5 | 68.3 | 66.2 | 64.7 | 63.6 | 62.8 | 62.2 | 61.7 | 61.3 | 61.0 | 60.8 | 60.6 | 60.4 | 60.3 | 60.1 | 60.0 | |
| | F | 1.365 | 0.794 | 0.603 | 0.514 | 0.466 | 0.437 | 0.418 | 0.406 | 0.397 | 0.390 | 0.385 | 0.381 | 0.378 | 0.376 | 0.374 | 0.372 | 0.371 | 0.370 | 0.369 | 0.368 |
| | A | 15.3 | 27.0 | 36.7 | 44.4 | 50.6 | 55.4 | 59.3 | 62.5 | 65.1 | 67.3 | 69.2 | 70.8 | 72.1 | 73.3 | 74.4 | 75.3 | 76.1 | 76.8 | 77.5 | 78.1 |
| | K****** | | 1.59 | 2.58 | 3.81 | 5.32 | 7.11 | 9.19 | 11.57 | 14.26 | 17.25 | 20.55 | 24.15 | 28.06 | 32.28 | 36.80 | 41.64 | 46.78 | 52.23 | 57.98 | 64.05 |
| 0.005 | %C****** | 100.0 | 93.6 | 87.0 | 82.4 | 79.3 | 77.2 | 75.7 | 74.6 | 73.7 | 73.1 | 72.6 | 72.2 | 71.9 | 71.6 | 71.4 | 71.2 | 71.1 | 70.9 | 70.8 | |
| | F | 1.654 | 0.978 | 0.747 | 0.640 | 0.581 | 0.545 | 0.522 | 0.507 | 0.496 | 0.487 | 0.481 | 0.476 | 0.473 | 0.470 | 0.467 | 0.465 | 0.463 | 0.462 | 0.461 | 0.460 |
| | A | 15.8 | 27.4 | 37.0 | 44.7 | 50.8 | 55.6 | 59.5 | 62.6 | 65.2 | 67.4 | 69.2 | 70.8 | 72.2 | 73.4 | 74.4 | 75.3 | 76.1 | 76.9 | 77.5 | 78.1 |
| | K****** | | 1.30 | 2.10 | 3.09 | 4.31 | 5.75 | 7.42 | 9.34 | 11.50 | 13.90 | 16.55 | 19.44 | 22.58 | 25.96 | 29.59 | 33.47 | 37.59 | 41.96 | 46.58 | 51.44 |
| 0.006 | %C********** | 98.8 | 94.4 | 90.7 | 88.0 | 86.0 | 84.6 | 83.5 | 82.7 | 82.1 | 81.6 | 81.3 | 80.9 | 80.7 | 80.5 | 80.3 | 80.1 | 80.0 | 79.9 | | |
| | F | 1.926 | 1.157 | 0.890 | 0.764 | 0.695 | 0.653 | 0.626 | 0.607 | 0.594 | 0.585 | 0.577 | 0.572 | 0.567 | 0.563 | 0.561 | 0.558 | 0.556 | 0.554 | 0.553 | 0.552 |
| | A | 16.3 | 27.8 | 37.4 | 45.0 | 51.0 | 55.8 | 59.6 | 62.7 | 65.3 | 67.5 | 69.3 | 70.9 | 72.2 | 73.4 | 74.4 | 75.4 | 76.2 | 76.9 | 77.6 | 78.2 |
| | K********** | | 1.78 | 2.62 | 3.63 | 4.84 | 6.25 | 7.85 | 9.66 | 11.67 | 13.88 | 16.30 | 18.93 | 21.75 | 24.79 | 28.03 | 31.47 | 35.12 | 38.97 | 43.03 | |
| 0.007 | %C********** | 98.7 | 96.3 | 94.3 | 92.7 | 91.5 | 90.6 | 89.9 | 89.3 | 88.9 | 88.5 | 88.3 | 88.0 | 87.8 | 87.7 | 87.5 | 87.4 | 87.3 | | | |
| | F | 2.182 | 1.331 | 1.030 | 0.887 | 0.808 | 0.760 | 0.729 | 0.708 | 0.693 | 0.682 | 0.673 | 0.667 | 0.661 | 0.657 | 0.654 | 0.651 | 0.649 | 0.647 | 0.645 | 0.644 |
| | A | 16.8 | 28.2 | 37.7 | 45.2 | 51.2 | 55.9 | 59.8 | 62.9 | 65.4 | 67.6 | 69.4 | 70.9 | 72.3 | 73.4 | 74.5 | 75.4 | 76.2 | 76.9 | 77.6 | 78.2 |
| | K********** | | 2.27 | 3.15 | 4.19 | 5.41 | 6.79 | 8.34 | 10.07 | 11.98 | 14.06 | 16.32 | 18.75 | 21.35 | 24.14 | 27.09 | 30.23 | 33.54 | 37.03 | | |
| 0.008 | %C********** | 99.4 | 98.2 | 97.2 | 96.3 | 95.6 | 95.1 | 94.7 | 94.3 | 94.0 | 93.8 | 93.6 | 93.4 | 93.3 | 93.2 | 93.1 | 93.0 | | | | |
| | F | 2.424 | 1.501 | 1.169 | 1.009 | 0.921 | 0.867 | 0.832 | 0.808 | 0.791 | 0.779 | 0.769 | 0.762 | 0.756 | 0.751 | 0.747 | 0.744 | 0.741 | 0.739 | 0.737 | 0.735 |
| | A | 17.3 | 28.7 | 38.0 | 45.5 | 51.4 | 56.1 | 59.9 | 63.0 | 65.5 | 67.6 | 69.4 | 71.0 | 72.3 | 73.5 | 74.5 | 75.4 | 76.2 | 77.0 | 77.6 | 78.2 |
| | K********** | | 2.79 | 3.71 | 4.78 | 5.99 | 7.36 | 8.88 | 10.55 | 12.38 | 14.36 | 16.49 | 18.78 | 21.22 | 23.81 | 26.56 | 29.47 | 32.52 | | | |
| 0.010 | %C********** | 100.0 | 99.9 | 99.8 | 99.8 | 99.7 | 99.6 | 99.6 | 99.5 | 99.5 | 99.4 | 99.4 | 99.3 | | | | | | | | |
| | F | 2.873 | 1.828 | 1.439 | 1.250 | 1.145 | 1.080 | 1.038 | 1.008 | 0.987 | 0.972 | 0.960 | 0.951 | 0.944 | 0.938 | 0.934 | 0.930 | 0.926 | 0.924 | 0.921 | 0.919 |
| | A | 18.3 | 29.5 | 38.7 | 46.0 | 51.8 | 56.4 | 60.2 | 63.2 | 65.7 | 67.8 | 69.6 | 71.1 | 72.4 | 73.6 | 74.6 | 75.5 | 76.3 | 77.0 | 77.7 | 78.2 |
| | K********** | | 5.98 | 7.21 | 8.55 | 10.02 | 11.62 | 13.33 | 15.17 | 17.14 | 19.22 | 21.43 | 23.76 | 26.22 | | | | | | | |

CARRIERS 17 PICKS 15 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 69.4 | 48.4 | 41.1 | 37.8 | 36.2 | 35.2 | 34.6 | 34.2 | 33.9 | 33.7 | 33.5 | 33.4 | 33.3 | 33.2 | 33.2 | 33.1 | 33.1 | 33.0 | 33.0 | 33.0 |
| | F | 0.447 | 0.281 | 0.232 | 0.212 | 0.201 | 0.195 | 0.191 | 0.189 | 0.187 | 0.186 | 0.185 | 0.184 | 0.183 | 0.183 | 0.183 | 0.182 | 0.182 | 0.182 | 0.182 | 0.181 |
| | A | 23.7 | 39.8 | 50.8 | 58.3 | 63.6 | 67.4 | 70.3 | 72.6 | 74.4 | 75.9 | 77.1 | 78.1 | 79.0 | 79.8 | 80.4 | 81.0 | 81.5 | 82.0 | 82.4 | 82.8 |
| | K | 2.67 | 6.02 | 10.76 | 17.10 | 25.08 | 34.76 | 46.13 | 59.20 | 73.98 | 90.48 | 108.68 | 128.60 | 150.23 | 173.57 | 198.62 | 225.39 | 253.87 | 284.06 | 315.97 | 349.59 |
| 0.004 | %C | 82.3 | 60.4 | 52.1 | 48.4 | 46.4 | 45.2 | 44.5 | 44.0 | 43.6 | 43.4 | 43.2 | 43.0 | 42.9 | 42.8 | 42.7 | 42.7 | 42.6 | 42.6 | 42.6 | 42.5 |
| | F | 0.579 | 0.371 | 0.308 | 0.281 | 0.268 | 0.260 | 0.255 | 0.251 | 0.249 | 0.247 | 0.246 | 0.245 | 0.244 | 0.244 | 0.243 | 0.243 | 0.243 | 0.242 | 0.242 | 0.242 |
| | A | 24.5 | 40.3 | 51.1 | 58.5 | 63.7 | 67.5 | 70.4 | 72.7 | 74.5 | 75.9 | 77.1 | 78.2 | 79.0 | 79.8 | 80.5 | 81.0 | 81.6 | 82.0 | 82.4 | 82.8 |
| | K | 2.09 | 4.63 | 8.24 | 13.04 | 19.08 | 26.38 | 34.96 | 44.82 | 55.96 | 68.38 | 82.08 | 97.07 | 113.35 | 130.90 | 149.74 | 169.87 | 191.28 | 213.98 | 237.96 | 263.22 |
| 0.005 | %C | 91.2 | 70.7 | 62.0 | 57.9 | 55.6 | 54.3 | 53.5 | 53.0 | 52.6 | 52.3 | 52.1 | 51.9 | 51.8 | 51.7 | 51.6 | 51.5 | 51.5 | 51.4 | 51.4 | 51.3 |
| | F | 0.704 | 0.459 | 0.383 | 0.351 | 0.334 | 0.324 | 0.318 | 0.314 | 0.311 | 0.309 | 0.308 | 0.306 | 0.306 | 0.305 | 0.304 | 0.304 | 0.303 | 0.303 | 0.303 | 0.302 |
| | A | 25.2 | 40.8 | 51.5 | 58.8 | 63.9 | 67.7 | 70.5 | 72.7 | 74.5 | 76.0 | 77.2 | 78.2 | 79.1 | 79.8 | 80.5 | 81.1 | 81.6 | 82.0 | 82.4 | 82.8 |
| | K | 1.74 | 3.81 | 6.73 | 10.60 | 15.48 | 21.36 | 28.27 | 36.19 | 45.14 | 55.12 | 66.13 | 78.16 | 91.22 | 105.30 | 120.42 | 136.56 | 153.73 | 171.93 | 191.16 | 211.41 |
| 0.006 | %C | 96.8 | 79.3 | 70.6 | 66.4 | 64.0 | 62.6 | 61.8 | 61.2 | 60.7 | 60.4 | 60.2 | 60.0 | 59.9 | 59.8 | 59.7 | 59.6 | 59.5 | 59.5 | 59.4 | 59.4 |
| | F | 0.822 | 0.535 | 0.450 | 0.420 | 0.400 | 0.389 | 0.382 | 0.377 | 0.373 | 0.371 | 0.369 | 0.368 | 0.367 | 0.366 | 0.365 | 0.364 | 0.364 | 0.363 | 0.363 | 0.363 |
| | A | 26.0 | 41.3 | 51.8 | 59.0 | 64.1 | 67.8 | 70.6 | 72.8 | 74.6 | 76.0 | 77.2 | 78.2 | 79.1 | 79.9 | 80.5 | 81.1 | 81.6 | 82.1 | 82.5 | 82.8 |
| | K | 1.50 | 3.25 | 5.72 | 8.98 | 13.08 | 18.02 | 23.80 | 30.44 | 37.94 | 46.29 | 55.49 | 65.55 | 76.47 | 88.24 | 100.87 | 114.36 | 128.70 | 143.90 | 159.96 | 176.87 |
| 0.007 | %C | 99.6 | 86.3 | 78.1 | 73.9 | 71.5 | 70.1 | 69.2 | 68.6 | 68.1 | 67.8 | 67.6 | 67.4 | 67.2 | 67.1 | 67.0 | 66.9 | 66.9 | 66.8 | 66.8 | 66.7 |
| | F | 0.939 | 0.630 | 0.532 | 0.489 | 0.466 | 0.453 | 0.445 | 0.439 | 0.436 | 0.433 | 0.431 | 0.429 | 0.428 | 0.427 | 0.426 | 0.425 | 0.425 | 0.424 | 0.424 | 0.423 |
| | A | 26.7 | 41.8 | 52.2 | 59.2 | 64.3 | 67.9 | 70.7 | 72.9 | 74.7 | 76.1 | 77.3 | 78.3 | 79.1 | 79.9 | 80.5 | 81.1 | 81.6 | 82.1 | 82.5 | 82.8 |
| | K | 1.34 | 2.86 | 5.00 | 7.83 | 11.36 | 15.63 | 20.62 | 26.34 | 32.79 | 39.97 | 47.89 | 56.55 | 65.93 | 76.05 | 86.91 | 98.50 | 110.82 | 123.88 | 137.67 | 152.20 |
| 0.008 | %C | ****** | 91.7 | 84.4 | 80.4 | 78.1 | 76.7 | 75.8 | 75.2 | 74.8 | 74.4 | 74.2 | 74.0 | 73.9 | 73.7 | 73.6 | 73.6 | 73.5 | 73.4 | 73.4 | 73.3 |
| | F | 1.043 | 0.713 | 0.605 | 0.557 | 0.532 | 0.517 | 0.508 | 0.502 | 0.498 | 0.494 | 0.492 | 0.490 | 0.489 | 0.488 | 0.487 | 0.486 | 0.485 | 0.485 | 0.484 | 0.484 |
| | A | 27.4 | 42.3 | 52.5 | 59.5 | 64.4 | 68.1 | 70.8 | 73.0 | 74.7 | 76.1 | 77.3 | 78.3 | 79.2 | 79.9 | 80.6 | 81.1 | 81.6 | 82.1 | 82.5 | 82.9 |
| | K | ****** | 2.57 | 4.46 | 6.96 | 10.08 | 13.84 | 18.23 | 23.26 | 28.93 | 35.24 | 42.20 | 49.79 | 58.03 | 66.92 | 76.44 | 86.60 | 97.41 | 108.86 | 120.96 | 133.69 |
| 0.010 | %C | ****** | 96.4 | 93.7 | 90.6 | 88.7 | 87.5 | 86.6 | 86.1 | 85.7 | 85.4 | 85.2 | 85.0 | 84.8 | 84.7 | 84.6 | 84.6 | 84.5 | 84.5 | 84.4 | 84.4 |
| | F | 1.245 | 0.875 | 0.750 | 0.693 | 0.663 | 0.646 | 0.635 | 0.627 | 0.622 | 0.618 | 0.615 | 0.613 | 0.611 | 0.609 | 0.608 | 0.607 | 0.606 | 0.606 | 0.605 | 0.605 |
| | A | 28.8 | 43.3 | 53.2 | 59.9 | 64.8 | 68.3 | 71.0 | 73.1 | 74.8 | 76.2 | 77.4 | 78.4 | 79.2 | 80.0 | 80.6 | 81.2 | 81.7 | 82.1 | 82.5 | 82.9 |
| | K | ****** | 2.16 | 3.71 | 5.75 | 8.29 | 11.33 | 14.88 | 18.95 | 23.53 | 28.62 | 34.23 | 40.34 | 46.98 | 54.12 | 61.78 | 69.96 | 78.64 | 87.85 | 97.56 | 107.79 |

CARRIERS 12 PICKS 15 ENDS 7

| SIR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 95.3 | 74.2 | 64.8 | 60.3 | 58.0 | 56.6 | 55.7 | 55.1 | 54.7 | 54.4 | 54.2 | 54.0 | 53.9 | 53.8 | 53.7 | 53.6 | 53.6 | 53.5 | 53.5 | 53.4 |
| | F | 0.782 | 0.492 | 0.407 | 0.370 | 0.352 | 0.341 | 0.335 | 0.330 | 0.327 | 0.325 | 0.323 | 0.322 | 0.321 | 0.320 | 0.319 | 0.319 | 0.318 | 0.318 | 0.318 | 0.318 |
| | A | 23.7 | 39.8 | 50.8 | 58.3 | 63.6 | 67.4 | 70.3 | 72.6 | 74.4 | 75.9 | 77.1 | 78.1 | 79.0 | 79.8 | 80.4 | 81.0 | 81.5 | 82.0 | 82.4 | 82.8 |
| | K | 1.53 | 3.44 | 6.15 | 9.77 | 14.33 | 19.86 | 26.36 | 33.83 | 42.28 | 51.70 | 62.10 | 73.48 | 85.84 | 99.18 | 113.50 | 128.79 | 145.07 | 162.32 | 180.55 | 199.76 |
| 0.004 | %C | ****** | 87.7 | 78.8 | 74.2 | 71.7 | 70.2 | 69.3 | 68.6 | 68.2 | 67.9 | 67.6 | 67.4 | 67.3 | 67.1 | 67.0 | 67.0 | 66.9 | 66.8 | 66.8 | 66.7 |
| | F | 1.013 | 0.649 | 0.539 | 0.492 | 0.468 | 0.454 | 0.446 | 0.440 | 0.436 | 0.433 | 0.431 | 0.429 | 0.428 | 0.427 | 0.426 | 0.425 | 0.425 | 0.424 | 0.424 | 0.423 |
| | A | 24.5 | 40.3 | 51.1 | 58.5 | 63.7 | 67.5 | 70.4 | 72.7 | 74.5 | 75.9 | 77.1 | 78.2 | 79.0 | 79.8 | 80.5 | 81.0 | 81.6 | 82.0 | 82.4 | 82.8 |
| | K | ****** | 2.65 | 4.71 | 7.45 | 10.90 | 15.08 | 19.98 | 25.61 | 31.98 | 39.07 | 46.91 | 55.47 | 64.77 | 74.80 | 85.57 | 97.07 | 109.30 | 122.27 | 135.98 | 150.41 |
| 0.005 | %C | ****** | 96.1 | 89.2 | 85.1 | 82.7 | 81.3 | 80.4 | 79.7 | 79.3 | 78.9 | 78.7 | 78.5 | 78.4 | 78.2 | 78.1 | 78.0 | 78.0 | 77.9 | 77.9 | 77.8 |
| | F | 1.232 | 0.803 | 0.671 | 0.614 | 0.585 | 0.568 | 0.557 | 0.550 | 0.545 | 0.541 | 0.538 | 0.536 | 0.535 | 0.533 | 0.532 | 0.531 | 0.531 | 0.530 | 0.530 | 0.529 |
| | A | 25.2 | 40.8 | 51.5 | 58.8 | 63.9 | 67.7 | 70.5 | 72.7 | 74.5 | 76.0 | 77.2 | 78.2 | 79.1 | 79.8 | 80.5 | 81.1 | 81.6 | 82.0 | 82.4 | 82.8 |
| | K | ****** | 2.17 | 3.84 | 6.06 | 8.84 | 12.21 | 16.15 | 20.68 | 25.80 | 31.50 | 37.79 | 44.66 | 52.12 | 60.17 | 68.81 | 78.04 | 87.85 | 98.25 | 109.23 | 120.81 |
| 0.006 | %C | ****** | 99.8 | 96.1 | 93.0 | 91.0 | 89.8 | 89.0 | 88.4 | 88.0 | 87.7 | 87.5 | 87.3 | 87.2 | 87.0 | 86.9 | 86.9 | 86.8 | 86.8 | 86.7 | 86.7 |
| | F | 1.439 | 0.954 | 0.801 | 0.735 | 0.700 | 0.680 | 0.668 | 0.659 | 0.653 | 0.649 | 0.646 | 0.643 | 0.642 | 0.640 | 0.639 | 0.638 | 0.637 | 0.636 | 0.635 | 0.635 |
| | A | 26.0 | 41.3 | 51.8 | 59.0 | 64.1 | 67.8 | 70.6 | 72.8 | 74.6 | 76.0 | 77.2 | 78.2 | 79.1 | 79.9 | 80.5 | 81.1 | 81.6 | 82.1 | 82.5 | 82.8 |
| | K | ****** | 1.86 | 3.27 | 5.13 | 7.47 | 10.29 | 13.60 | 17.40 | 21.68 | 26.45 | 31.71 | 37.46 | 43.70 | 50.42 | 57.64 | 65.35 | 73.54 | 82.23 | 91.40 | 101.07 |
| 0.007 | %C | ********** | 99.5 | 97.9 | 96.6 | 95.7 | 95.1 | 94.7 | 94.3 | 94.1 | 93.9 | 93.8 | 93.7 | 93.6 | 93.5 | 93.4 | 93.4 | 93.3 | 93.3 | 93.3 | |
| | F | 1.637 | 1.102 | 0.931 | 0.855 | 0.816 | 0.793 | 0.779 | 0.769 | 0.762 | 0.757 | 0.753 | 0.751 | 0.748 | 0.747 | 0.745 | 0.744 | 0.743 | 0.742 | 0.741 | 0.741 |
| | A | 26.7 | 41.8 | 52.2 | 59.2 | 64.3 | 67.9 | 70.7 | 72.9 | 74.7 | 76.1 | 77.3 | 78.3 | 79.1 | 79.9 | 80.5 | 81.1 | 81.6 | 82.1 | 82.5 | 82.8 |
| | K | ********** | 2.86 | 4.47 | 6.49 | 8.93 | 11.78 | 15.05 | 18.74 | 22.84 | 27.37 | 32.31 | 37.68 | 43.46 | 49.66 | 56.28 | 63.33 | 70.79 | 78.67 | 86.97 | |
| 0.008 | %C | ********** | 99.9 | 99.5 | 99.1 | 98.8 | 98.5 | 98.3 | 98.2 | 98.1 | 98.0 | 97.9 | 97.8 | 97.8 | 97.8 | 97.7 | 97.7 | 97.7 | 97.6 | | |
| | F | 1.825 | 1.247 | 1.059 | 0.975 | 0.931 | 0.906 | 0.889 | 0.878 | 0.871 | 0.865 | 0.861 | 0.858 | 0.855 | 0.853 | 0.852 | 0.850 | 0.849 | 0.848 | 0.847 | 0.847 |
| | A | 27.4 | 42.3 | 52.5 | 59.5 | 64.4 | 68.1 | 70.8 | 73.0 | 74.7 | 76.1 | 77.3 | 78.3 | 79.2 | 79.9 | 80.6 | 81.1 | 81.6 | 82.1 | 82.5 | 82.9 |
| | K | ********** | 3.98 | 5.76 | 7.91 | 10.42 | 13.29 | 16.53 | 20.14 | 24.11 | 28.45 | 33.16 | 38.24 | 43.68 | 49.49 | 55.66 | 62.21 | 69.12 | 76.40 | | |
| 0.010 | %C | ********** | | | | | | | | | | | | | | | | | | | |
| | F | 2.179 | 1.531 | 1.312 | 1.213 | 1.161 | 1.130 | 1.110 | 1.097 | 1.088 | 1.081 | 1.076 | 1.072 | 1.069 | 1.066 | 1.064 | 1.063 | 1.061 | 1.060 | 1.059 | 1.058 |
| | A | 28.8 | 43.3 | 53.2 | 59.9 | 64.8 | 68.3 | 71.0 | 73.1 | 74.8 | 76.2 | 77.4 | 78.4 | 79.2 | 80.0 | 80.6 | 81.2 | 81.7 | 82.1 | 82.5 | 82.9 |
| | K | ********** | | | | | | | | | | | | | | | | | | | |

CARRIERS 12 PICKS 15 ENDS 10

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ****** | 91.2 | 82.4 | 77.8 | 75.3 | 73.7 | 72.7 | 72.1 | 71.6 | 71.3 | 71.0 | 70.8 | 70.7 | 70.5 | 70.4 | 70.4 | 70.3 | 70.2 | 70.2 | 70.1 |
| | F | 1.118 | 0.703 | 0.581 | 0.529 | 0.503 | 0.487 | 0.478 | 0.472 | 0.467 | 0.464 | 0.462 | 0.460 | 0.458 | 0.457 | 0.456 | 0.456 | 0.455 | 0.454 | 0.454 | 0.454 |
| | A | 23.7 | 39.8 | 50.8 | 58.3 | 63.6 | 67.4 | 70.3 | 72.6 | 74.4 | 75.9 | 77.1 | 78.1 | 79.0 | 79.8 | 80.4 | 81.0 | 81.5 | 82.0 | 82.4 | 82.8 |
| | K | ****** | 2.91 | 4.31 | 6.84 | 10.03 | 13.90 | 18.45 | 23.68 | 29.59 | 36.19 | 43.47 | 51.44 | 60.09 | 69.43 | 79.45 | 90.15 | 101.55 | 113.62 | 126.39 | 139.83 |
| 0.004 | %C | ****** | 99.5 | 94.7 | 91.2 | 89.0 | 87.7 | 86.8 | 86.2 | 85.8 | 85.5 | 85.2 | 85.0 | 84.9 | 84.8 | 84.7 | 84.6 | 84.5 | 84.5 | 84.4 | 84.4 |
| | F | 1.447 | 0.928 | 0.771 | 0.703 | 0.669 | 0.649 | 0.637 | 0.629 | 0.623 | 0.619 | 0.615 | 0.613 | 0.611 | 0.610 | 0.608 | 0.607 | 0.607 | 0.606 | 0.605 | 0.605 |
| | A | 24.5 | 40.3 | 51.1 | 58.5 | 63.7 | 67.5 | 70.4 | 72.7 | 74.5 | 75.9 | 77.1 | 78.2 | 79.0 | 79.8 | 80.5 | 81.0 | 81.6 | 82.0 | 82.4 | 82.8 |
| | K | ****** | 1.85 | 3.30 | 5.22 | 7.63 | 10.55 | 13.98 | 17.93 | 22.38 | 27.35 | 32.83 | 38.83 | 45.34 | 52.36 | 59.90 | 67.95 | 76.51 | 85.59 | 95.18 | 105.29 |
| 0.005 | %C | ********** | 99.8 | 98.5 | 97.3 | 96.4 | 95.8 | 95.4 | 95.1 | 94.8 | 94.7 | 94.5 | 94.4 | 94.3 | 94.3 | 94.2 | 94.2 | 94.1 | 94.1 | 94.0 | |
| | F | 1.759 | 1.147 | 0.958 | 0.877 | 0.835 | 0.811 | 0.796 | 0.785 | 0.778 | 0.773 | 0.769 | 0.766 | 0.764 | 0.762 | 0.760 | 0.759 | 0.758 | 0.757 | 0.757 | 0.756 |
| | A | 25.2 | 40.8 | 51.5 | 58.8 | 63.9 | 67.7 | 70.5 | 72.7 | 74.5 | 76.0 | 77.2 | 78.2 | 79.1 | 79.8 | 80.5 | 81.1 | 81.6 | 82.0 | 82.4 | 82.8 |
| | K | ********** | 2.69 | 4.24 | 6.19 | 8.54 | 11.31 | 14.48 | 18.06 | 22.05 | 26.45 | 31.26 | 36.49 | 42.12 | 48.17 | 54.62 | 61.49 | 68.77 | 76.46 | 84.56 | |
| 0.006 | %C | ********** | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.3 | 99.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.1 | | | | |
| | F | 2.058 | 1.363 | 1.145 | 1.050 | 1.001 | 0.972 | 0.958 | 0.942 | 0.934 | 0.927 | 0.923 | 0.919 | 0.916 | 0.914 | 0.912 | 0.911 | 0.910 | 0.909 | 0.908 | 0.907 |
| | A | 26.0 | 41.3 | 51.8 | 59.0 | 64.1 | 67.8 | 70.6 | 72.8 | 74.6 | 76.0 | 77.2 | 78.2 | 79.1 | 79.9 | 80.5 | 81.1 | 81.6 | 82.1 | 82.5 | 82.8 |
| | K | ********** | 7.21 | 9.52 | 12.18 | 15.17 | 18.51 | 22.20 | 26.22 | 30.59 | 35.30 | 40.35 | 45.74 | 51.48 | 57.56 | 63.98 | 70.75 | | | | |
| 0.007 | %C | ********** | | | | | | | | | | | | | | | | | | | |
| | F | 2.338 | 1.574 | 1.329 | 1.222 | 1.166 | 1.133 | 1.112 | 1.099 | 1.089 | 1.082 | 1.076 | 1.072 | 1.069 | 1.067 | 1.064 | 1.063 | 1.061 | 1.060 | 1.059 | 1.058 |
| | A | 26.7 | 41.8 | 52.2 | 59.2 | 64.3 | 67.9 | 70.7 | 72.9 | 74.7 | 76.1 | 77.3 | 78.3 | 79.1 | 79.9 | 80.5 | 81.1 | 81.6 | 82.1 | 82.5 | 82.8 |
| | K | ********** | | | | | | | | | | | | | | | | | | | |
| 0.008 | %C | ********** | | | | | | | | | | | | | | | | | | | |
| | F | 2.608 | 1.782 | 1.512 | 1.393 | 1.330 | 1.294 | 1.271 | 1.255 | 1.244 | 1.236 | 1.230 | 1.225 | 1.222 | 1.219 | 1.216 | 1.215 | 1.213 | 1.212 | 1.210 | 1.209 |
| | A | 27.4 | 42.3 | 52.5 | 59.5 | 64.4 | 68.1 | 70.8 | 73.0 | 74.7 | 76.1 | 77.3 | 78.3 | 79.2 | 79.9 | 80.6 | 81.1 | 81.6 | 82.1 | 82.5 | 82.9 |
| | K | ********** | | | | | | | | | | | | | | | | | | | |
| 0.010 | %C | ********** | | | | | | | | | | | | | | | | | | | |
| | F | 3.114 | 2.187 | 1.874 | 1.733 | 1.658 | 1.614 | 1.586 | 1.567 | 1.554 | 1.544 | 1.537 | 1.531 | | 1.523 | 1.520 | 1.518 | 1.516 | 1.514 | 1.513 | 1.512 |
| | A | 28.8 | 43.3 | 53.2 | 59.9 | 64.8 | 68.3 | 71.0 | 73.1 | 74.8 | 76.2 | 77.4 | 78.4 | 79 | 80.0 | 80.6 | 81.2 | 81.7 | 82.1 | 82.5 | 82.9 |
| | K | ********** | | | | | | | | | | | | | | | | | | | |

| | | CARRIERS | PICKS | ENDS |
|---|---|---|---|---|
| | | 16 | 3 | 4 |

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 79.5 | 49.7 | 35.9 | 28.2 | 23.4 | 20.1 | 17.7 | 16.0 | 14.6 | 13.6 | 12.7 | 12.0 | 11.4 | 10.9 | 10.5 | 10.2 | 9.9 | 9.6 | 9.4 | 9.2 |
| | F | 0.547 | 0.291 | 0.199 | 0.153 | 0.125 | 0.106 | 0.093 | 0.083 | 0.076 | 0.070 | 0.066 | 0.062 | 0.059 | 0.056 | 0.054 | 0.052 | 0.051 | 0.049 | 0.048 | 0.047 |
| | A | 3.6 | 7.1 | 10.4 | 13.6 | 16.8 | 19.8 | 22.8 | 25.6 | 28.2 | 30.8 | 33.2 | 35.5 | 37.7 | 39.8 | 41.7 | 43.5 | 45.2 | 46.9 | 48.4 | 49.8 |
| | K | 1.84 | 3.50 | 5.19 | 6.94 | 8.75 | 10.64 | 12.63 | 14.73 | 16.94 | 19.28 | 21.75 | 24.37 | 27.13 | 30.05 | 33.13 | 36.37 | 39.78 | 43.36 | 47.12 | 51.05 |
| 0.004 | %C | 91.2 | 61.6 | 45.6 | 36.3 | 30.3 | 26.2 | 23.2 | 20.9 | 19.2 | 17.8 | 16.7 | 15.8 | 15.1 | 14.4 | 13.9 | 13.4 | 13.0 | 12.7 | 12.4 | 12.2 |
| | F | 0.704 | 0.380 | 0.262 | 0.202 | 0.165 | 0.141 | 0.124 | 0.111 | 0.101 | 0.093 | 0.087 | 0.082 | 0.078 | 0.075 | 0.072 | 0.070 | 0.068 | 0.066 | 0.064 | 0.063 |
| | A | 3.9 | 7.3 | 10.5 | 13.8 | 16.9 | 19.9 | 22.9 | 25.7 | 28.3 | 30.9 | 33.3 | 35.6 | 37.8 | 39.8 | 41.8 | 43.6 | 45.3 | 46.9 | 48.5 | 49.9 |
| | K | 1.43 | 2.67 | 3.94 | 5.26 | 6.62 | 8.04 | 9.54 | 11.11 | 12.77 | 14.53 | 16.39 | 18.36 | 20.43 | 22.63 | 24.94 | 27.38 | 29.94 | 32.63 | 35.46 | 38.41 |
| 0.005 | %C | 97.8 | 71.6 | 54.3 | 43.7 | 36.8 | 31.9 | 28.4 | 25.7 | 23.6 | 21.9 | 20.6 | 19.5 | 18.6 | 17.8 | 17.2 | 16.6 | 16.1 | 15.7 | 15.4 | 15.1 |
| | F | 0.851 | 0.467 | 0.324 | 0.250 | 0.205 | 0.175 | 0.154 | 0.138 | 0.126 | 0.117 | 0.109 | 0.103 | 0.098 | 0.094 | 0.090 | 0.087 | 0.084 | 0.082 | 0.080 | 0.078 |
| | A | 4.0 | 7.4 | 10.7 | 13.9 | 17.0 | 20.1 | 23.0 | 25.8 | 28.5 | 31.0 | 33.4 | 35.7 | 37.9 | 39.9 | 41.8 | 43.7 | 45.4 | 47.0 | 48.5 | 50.0 |
| | K | 1.18 | 2.18 | 3.20 | 4.25 | 5.34 | 6.48 | 7.68 | 8.94 | 10.27 | 11.68 | 13.17 | 14.75 | 16.42 | 18.17 | 20.03 | 21.98 | 24.04 | 26.20 | 28.46 | 30.82 |
| 0.006 | %C | 100.0 | 79.8 | 62.1 | 50.6 | 42.9 | 37.4 | 33.3 | 30.3 | 27.9 | 25.9 | 24.4 | 23.1 | 22.0 | 21.2 | 20.4 | 19.7 | 19.2 | 18.7 | 18.3 | 17.9 |
| | F | 0.988 | 0.550 | 0.384 | 0.297 | 0.244 | 0.209 | 0.184 | 0.165 | 0.151 | 0.139 | 0.130 | 0.123 | 0.117 | 0.112 | 0.108 | 0.104 | 0.101 | 0.098 | 0.096 | 0.094 |
| | A | 4.2 | 7.5 | 10.8 | 14.0 | 17.2 | 20.2 | 23.1 | 25.9 | 28.6 | 31.1 | 33.5 | 35.8 | 38.0 | 40.0 | 41.9 | 43.7 | 45.4 | 47.1 | 48.6 | 50.0 |
| | K | 1.02 | 1.85 | 2.70 | 3.58 | 4.49 | 5.44 | 6.44 | 7.49 | 8.61 | 9.78 | 11.03 | 12.35 | 13.74 | 15.21 | 16.76 | 18.39 | 20.10 | 21.90 | 23.79 | 25.77 |
| 0.007 | %C | ****** | 86.4 | 69.0 | 56.9 | 48.6 | 42.6 | 38.1 | 34.7 | 32.0 | 29.8 | 28.1 | 26.6 | 25.4 | 24.4 | 23.5 | 22.8 | 22.2 | 21.6 | 21.1 | 20.7 |
| | F | 1.117 | 0.631 | 0.443 | 0.344 | 0.283 | 0.242 | 0.213 | 0.192 | 0.175 | 0.162 | 0.152 | 0.143 | 0.136 | 0.130 | 0.126 | 0.121 | 0.118 | 0.115 | 0.112 | 0.110 |
| | A | 4.3 | 7.6 | 10.9 | 14.2 | 17.3 | 20.3 | 23.2 | 26.0 | 28.7 | 31.2 | 33.6 | 35.9 | 38.0 | 40.1 | 42.0 | 43.8 | 45.5 | 47.1 | 48.6 | 50.1 |
| | K | ****** | 1.61 | 2.34 | 3.10 | 3.88 | 4.70 | 5.55 | 6.46 | 7.42 | 8.43 | 9.50 | 10.63 | 11.82 | 13.09 | 14.42 | 15.82 | 17.29 | 18.84 | 20.46 | 22.16 |
| 0.008 | %C | ****** | 91.5 | 75.0 | 62.7 | 53.9 | 47.5 | 42.6 | 38.9 | 35.9 | 33.5 | 31.6 | 30.0 | 28.7 | 27.6 | 26.6 | 25.8 | 25.1 | 24.5 | 23.9 | 23.5 |
| | F | 1.238 | 0.709 | 0.500 | 0.389 | 0.321 | 0.275 | 0.242 | 0.218 | 0.199 | 0.185 | 0.173 | 0.163 | 0.156 | 0.149 | 0.143 | 0.139 | 0.134 | 0.131 | 0.128 | 0.125 |
| | A | 4.4 | 7.8 | 11.1 | 14.3 | 17.4 | 20.4 | 23.3 | 26.1 | 28.8 | 31.3 | 33.7 | 36.0 | 38.1 | 40.1 | 42.1 | 43.9 | 45.6 | 47.2 | 48.7 | 50.1 |
| | K | ****** | 1.44 | 2.08 | 2.74 | 3.42 | 4.14 | 4.89 | 5.69 | 6.52 | 7.41 | 8.35 | 9.34 | 10.39 | 11.50 | 12.66 | 13.89 | 15.18 | 16.54 | 17.96 | 19.45 |
| 0.010 | %C | ****** | 98.0 | 84.9 | 72.8 | 63.5 | 56.5 | 51.0 | 46.8 | 43.4 | 40.7 | 38.4 | 36.6 | 35.0 | 33.7 | 32.5 | 31.6 | 30.7 | 30.0 | 29.3 | 28.8 |
| | F | 1.460 | 0.857 | 0.611 | 0.478 | 0.396 | 0.340 | 0.300 | 0.271 | 0.248 | 0.230 | 0.215 | 0.203 | 0.194 | 0.186 | 0.179 | 0.173 | 0.168 | 0.163 | 0.159 | 0.156 |
| | A | 4.7 | 8.0 | 11.3 | 14.5 | 17.6 | 20.7 | 23.6 | 26.3 | 29.0 | 31.5 | 33.9 | 36.1 | 38.3 | 40.3 | 42.2 | 44.0 | 45.7 | 47.3 | 48.8 | 50.2 |
| | K | ****** | 1.19 | 1.70 | 2.23 | 2.78 | 3.36 | 3.96 | 4.60 | 5.27 | 5.99 | 6.74 | 7.54 | 8.38 | 9.27 | 10.21 | 11.19 | 12.23 | 13.32 | 14.46 | 15.65 |

CARRIERS 16 PICKS 3 ENDS 7

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 99.8 | 75.8 | 57.6 | 46.3 | 38.9 | 33.7 | 29.9 | 27.1 | 24.9 | 23.1 | 21.7 | 20.5 | 19.5 | 18.7 | 18.0 | 17.5 | 17.0 | 16.5 | 16.1 | 15.8 |
| | F | 0.957 | 0.508 | 0.349 | 0.267 | 0.218 | 0.186 | 0.163 | 0.146 | 0.133 | 0.123 | 0.115 | 0.108 | 0.103 | 0.099 | 0.095 | 0.091 | 0.089 | 0.086 | 0.084 | 0.082 |
| | A | 3.8 | 7.1 | 10.4 | 13.6 | 16.8 | 19.8 | 22.8 | 25.6 | 28.2 | 30.8 | 33.2 | 35.5 | 37.7 | 39.8 | 41.7 | 43.5 | 45.2 | 46.9 | 48.4 | 49.8 |
| | K | 1.05 | 2.00 | 2.97 | 3.96 | 5.00 | 6.08 | 7.22 | 8.42 | 9.68 | 11.02 | 12.43 | 13.92 | 15.50 | 17.17 | 18.93 | 20.78 | 22.73 | 24.78 | 26.93 | 29.17 |
| 0.004 | %C | ****** | 88.8 | 70.7 | 58.1 | 49.4 | 43.2 | 38.6 | 35.0 | 32.3 | 30.0 | 28.2 | 26.8 | 25.5 | 24.5 | 23.6 | 22.9 | 22.2 | 21.7 | 21.2 | 20.8 |
| | F | 1.232 | 0.666 | 0.459 | 0.353 | 0.289 | 0.246 | 0.216 | 0.194 | 0.177 | 0.164 | 0.153 | 0.144 | 0.137 | 0.131 | 0.126 | 0.122 | 0.118 | 0.115 | 0.112 | 0.110 |
| | A | 3.9 | 7.3 | 10.5 | 13.8 | 16.9 | 19.9 | 22.9 | 25.7 | 28.3 | 30.9 | 33.3 | 35.6 | 37.8 | 39.8 | 41.8 | 43.6 | 45.3 | 46.9 | 48.5 | 49.9 |
| | K | ****** | 1.53 | 2.25 | 3.00 | 3.78 | 4.60 | 5.45 | 6.35 | 7.30 | 8.30 | 9.37 | 10.49 | 11.68 | 12.93 | 14.25 | 15.65 | 17.11 | 18.65 | 20.26 | 21.95 |
| 0.005 | %C | ****** | 96.7 | 81.2 | 68.3 | 58.8 | 51.8 | 46.6 | 42.5 | 39.2 | 36.6 | 34.5 | 32.7 | 31.3 | 30.1 | 29.0 | 28.1 | 27.3 | 26.7 | 26.1 | 25.6 |
| | F | 1.489 | 0.817 | 0.567 | 0.437 | 0.359 | 0.306 | 0.269 | 0.241 | 0.220 | 0.204 | 0.191 | 0.180 | 0.171 | 0.164 | 0.157 | 0.152 | 0.148 | 0.144 | 0.140 | 0.137 |
| | A | 4.0 | 7.4 | 10.7 | 13.9 | 17.0 | 20.1 | 23.0 | 25.8 | 28.5 | 31.0 | 33.4 | 35.7 | 37.9 | 39.9 | 41.8 | 43.7 | 45.4 | 47.0 | 48.5 | 50.0 |
| | K | ****** | 1.24 | 1.83 | 2.43 | 3.05 | 3.70 | 4.39 | 5.11 | 5.87 | 6.68 | 7.53 | 8.43 | 9.38 | 10.39 | 11.45 | 12.56 | 13.74 | 14.97 | 16.26 | 17.61 |
| 0.006 | %C | ****** | 99.9 | 89.2 | 77.0 | 67.2 | 59.7 | 53.9 | 49.4 | 45.8 | 42.8 | 40.4 | 38.4 | 36.8 | 35.4 | 34.2 | 33.1 | 32.2 | 31.5 | 30.8 | 30.2 |
| | F | 1.730 | 0.963 | 0.672 | 0.520 | 0.427 | 0.365 | 0.321 | 0.289 | 0.264 | 0.244 | 0.228 | 0.215 | 0.205 | 0.196 | 0.189 | 0.182 | 0.177 | 0.172 | 0.168 | 0.164 |
| | A | 4.2 | 7.5 | 10.8 | 14.0 | 17.2 | 20.2 | 23.1 | 25.9 | 28.6 | 31.1 | 33.5 | 35.8 | 38.0 | 40.0 | 41.9 | 43.7 | 45.4 | 47.1 | 48.6 | 50.0 |
| | K | ****** | 1.06 | 1.54 | 2.04 | 2.56 | 3.11 | 3.68 | 4.28 | 4.92 | 5.59 | 6.30 | 7.05 | 7.85 | 8.69 | 9.57 | 10.51 | 11.49 | 12.52 | 13.59 | 14.72 |
| 0.007 | %C | ********** | 94.9 | 84.1 | 74.5 | 66.8 | 60.7 | 55.8 | 51.9 | 48.7 | 46.1 | 43.9 | 42.0 | 40.5 | 39.1 | 38.0 | 37.0 | 36.1 | 35.3 | 34.7 | |
| | F | 1.955 | 1.104 | 0.775 | 0.601 | 0.495 | 0.424 | 0.373 | 0.335 | 0.306 | 0.284 | 0.266 | 0.251 | 0.239 | 0.228 | 0.220 | 0.212 | 0.206 | 0.201 | 0.196 | 0.192 |
| | A | 4.3 | 7.6 | 10.9 | 14.2 | 17.3 | 20.3 | 23.2 | 26.0 | 28.7 | 31.2 | 33.6 | 35.9 | 38.0 | 40.1 | 42.0 | 43.8 | 45.5 | 47.1 | 48.6 | 50.1 |
| | K | ********** | 1.34 | 1.77 | 2.22 | 2.68 | 3.17 | 3.69 | 4.24 | 4.82 | 5.43 | 6.07 | 6.76 | 7.48 | 8.24 | 9.04 | 9.88 | 10.76 | 11.69 | 12.66 | |
| 0.008 | %C | ********** | 98.4 | 89.8 | 80.8 | 73.1 | 66.9 | 61.8 | 57.6 | 54.2 | 51.4 | 49.0 | 47.0 | 45.3 | 43.9 | 42.6 | 41.5 | 40.6 | 39.7 | 39.0 | |
| | F | 2.167 | 1.241 | 0.875 | 0.681 | 0.562 | 0.482 | 0.424 | 0.382 | 0.349 | 0.323 | 0.303 | 0.286 | 0.272 | 0.261 | 0.251 | 0.242 | 0.235 | 0.229 | 0.224 | 0.219 |
| | A | 4.4 | 7.8 | 11.1 | 14.3 | 17.4 | 20.4 | 23.3 | 26.1 | 28.8 | 31.3 | 33.7 | 36.0 | 38.1 | 40.1 | 42.1 | 43.9 | 45.6 | 47.2 | 48.7 | 50.1 |
| | K | ********** | 1.19 | 1.56 | 1.95 | 2.36 | 2.79 | 3.25 | 3.73 | 4.23 | 4.77 | 5.34 | 5.94 | 6.57 | 7.24 | 7.94 | 8.68 | 9.45 | 10.26 | 11.11 | |
| 0.010 | %C | ********** | 97.3 | 90.6 | 83.6 | 77.5 | 72.3 | 67.9 | 64.2 | 61.1 | 58.5 | 56.3 | 54.4 | 52.7 | 51.3 | 50.1 | 49.0 | 48.0 | 47.2 | | |
| | F | 2.555 | 1.500 | 1.069 | 0.837 | 0.693 | 0.595 | 0.526 | 0.474 | 0.434 | 0.402 | 0.377 | 0.356 | 0.339 | 0.325 | 0.313 | 0.302 | 0.293 | 0.286 | 0.279 | 0.273 |
| | A | 4.7 | 8.0 | 11.3 | 14.5 | 17.6 | 20.7 | 23.6 | 26.3 | 29.0 | 31.5 | 33.9 | 36.1 | 38.3 | 40.3 | 42.2 | 44.0 | 45.7 | 47.3 | 48.8 | 50.2 |
| | K | ********** | 1.27 | 1.59 | 1.92 | 2.26 | 2.63 | 3.01 | 3.42 | 3.85 | 4.31 | 4.79 | 5.30 | 5.83 | 6.40 | 6.99 | 7.61 | 8.26 | 8.95 | | |

CARRIERS 16 PICKS 3 ENDS 10

| SIR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 92.5 | 74.8 | 61.8 | 52.6 | 46.0 | 41.1 | 37.4 | 34.4 | 32.1 | 30.2 | 28.6 | 27.3 | 26.2 | 25.2 | 24.4 | 23.7 | 23.1 | 22.6 | 22.2 | |
| | F | 1.367 | 0.726 | 0.498 | 0.382 | 0.312 | 0.265 | 0.233 | 0.209 | 0.190 | 0.176 | 0.164 | 0.155 | 0.147 | 0.141 | 0.135 | 0.131 | 0.127 | 0.123 | 0.120 | 0.118 |
| | A | 3.8 | 7.1 | 10.4 | 13.6 | 16.8 | 19.8 | 22.8 | 25.6 | 28.2 | 30.8 | 33.2 | 35.5 | 37.7 | 39.8 | 41.7 | 43.5 | 45.2 | 46.9 | 48.4 | 49.8 |
| | K****** | | 1.40 | 2.08 | 2.77 | 3.50 | 4.26 | 5.05 | 5.89 | 6.78 | 7.71 | 8.70 | 9.75 | 10.85 | 12.02 | 13.25 | 14.55 | 15.91 | 17.35 | 18.85 | 20.42 |
| 0.004 | %C****** | 99.8 | 88.1 | 75.4 | 65.5 | 58.0 | 52.2 | 47.7 | 44.2 | 41.3 | 38.9 | 37.0 | 35.3 | 34.0 | 32.8 | 31.8 | 30.9 | 30.2 | 29.5 | 28.9 | |
| | F | 1.760 | 0.951 | 0.656 | 0.504 | 0.413 | 0.352 | 0.309 | 0.277 | 0.253 | 0.234 | 0.218 | 0.206 | 0.196 | 0.187 | 0.180 | 0.174 | 0.169 | 0.164 | 0.160 | 0.157 |
| | A | 3.9 | 7.3 | 10.5 | 13.8 | 16.9 | 19.9 | 22.9 | 25.7 | 28.3 | 30.9 | 33.3 | 35.6 | 37.8 | 39.8 | 41.8 | 43.6 | 45.3 | 46.9 | 48.5 | 49.9 |
| | K****** | | 1.07 | 1.58 | 2.10 | 2.65 | 3.22 | 3.81 | 4.44 | 5.11 | 5.81 | 6.56 | 7.34 | 8.17 | 9.05 | 9.98 | 10.95 | 11.98 | 13.05 | 14.16 | 15.36 |
| 0.005 | %C********** | 96.4 | 85.9 | 78.9 | 68.3 | 62.1 | 57.1 | 53.1 | 49.8 | 47.1 | 44.8 | 42.9 | 41.3 | 39.9 | 38.7 | 37.7 | 36.8 | 36.0 | 35.3 | | |
| | F | 2.127 | 1.167 | 0.810 | 0.625 | 0.512 | 0.437 | 0.384 | 0.345 | 0.315 | 0.291 | 0.272 | 0.257 | 0.244 | 0.234 | 0.225 | 0.217 | 0.211 | 0.205 | 0.200 | 0.196 |
| | A | 4.0 | 7.4 | 10.7 | 13.9 | 17.0 | 20.1 | 23.0 | 25.8 | 28.5 | 31.0 | 33.4 | 35.7 | 37.9 | 39.9 | 41.8 | 43.7 | 45.4 | 47.0 | 48.5 | 50.0 |
| | K********** | | 1.28 | 1.70 | 2.14 | 2.59 | 3.07 | 3.58 | 4.11 | 4.67 | 5.27 | 5.90 | 6.57 | 7.27 | 8.01 | 8.79 | 9.62 | 10.48 | 11.38 | 12.33 | |
| 0.006 | %C********** | 99.8 | 93.4 | 84.8 | 77.1 | 70.7 | 65.5 | 61.1 | 57.6 | 54.6 | 52.1 | 50.0 | 48.2 | 46.6 | 45.3 | 44.1 | 43.1 | 42.2 | 41.5 | | |
| | F | 2.471 | 1.376 | 0.960 | 0.743 | 0.610 | 0.522 | 0.459 | 0.412 | 0.377 | 0.348 | 0.326 | 0.308 | 0.293 | 0.280 | 0.269 | 0.260 | 0.253 | 0.246 | 0.240 | 0.235 |
| | A | 4.2 | 7.5 | 10.8 | 14.0 | 17.2 | 20.2 | 23.1 | 25.9 | 28.6 | 31.1 | 33.5 | 35.8 | 38.0 | 40.0 | 41.9 | 43.7 | 45.4 | 47.1 | 48.6 | 50.0 |
| | K********** | | 1.08 | 1.43 | 1.79 | 2.18 | 2.58 | 3.00 | 3.44 | 3.91 | 4.41 | 4.94 | 5.49 | 6.08 | 6.70 | 7.35 | 8.04 | 8.76 | 9.52 | 10.31 | |
| 0.007 | %C********** | 98.0 | 91.4 | 84.4 | 78.2 | 72.9 | 68.4 | 64.6 | 61.5 | 58.8 | 56.5 | 54.6 | 52.9 | 51.5 | 50.2 | 49.1 | 48.1 | 47.3 | | | |
| | F | 2.793 | 1.578 | 1.107 | 0.859 | 0.707 | 0.605 | 0.533 | 0.479 | 0.438 | 0.405 | 0.379 | 0.358 | 0.341 | 0.326 | 0.314 | 0.303 | 0.294 | 0.287 | 0.280 | 0.274 |
| | A | 4.3 | 7.6 | 10.9 | 14.2 | 17.3 | 20.3 | 23.2 | 26.0 | 28.7 | 31.2 | 33.6 | 35.9 | 38.0 | 40.1 | 42.0 | 43.8 | 45.5 | 47.1 | 48.6 | 50.1 |
| | K********** | | 1.24 | 1.55 | 1.88 | 2.22 | 2.58 | 2.97 | 3.37 | 3.80 | 4.25 | 4.73 | 5.23 | 5.77 | 6.33 | 6.92 | 7.53 | 8.18 | 8.86 | | |
| 0.008 | %C********** | 99.9 | 96.1 | 90.3 | 84.5 | 79.3 | 74.9 | 71.1 | 67.8 | 65.0 | 62.6 | 60.6 | 58.8 | 57.3 | 55.9 | 54.7 | 53.7 | 52.8 | | | |
| | F | 3.096 | 1.773 | 1.250 | 0.973 | 0.803 | 0.688 | 0.606 | 0.545 | 0.499 | 0.462 | 0.433 | 0.409 | 0.389 | 0.372 | 0.358 | 0.346 | 0.336 | 0.327 | 0.319 | 0.313 |
| | A | 4.4 | 7.8 | 11.1 | 14.3 | 17.4 | 20.4 | 23.3 | 26.1 | 28.8 | 31.3 | 33.7 | 36.0 | 38.1 | 40.1 | 42.1 | 43.9 | 45.6 | 47.2 | 48.7 | 50.1 |
| | K********** | | 1.09 | 1.37 | 1.66 | 1.96 | 2.27 | 2.61 | 2.96 | 3.34 | 3.74 | 4.16 | 4.60 | 5.06 | 5.56 | 6.07 | 6.62 | 7.18 | 7.78 | | |
| 0.010 | %C********** | 100.0 | 97.8 | 93.8 | 89.5 | 85.5 | 81.9 | 78.7 | 75.9 | 73.4 | 71.2 | 69.4 | 67.7 | 66.3 | 65.0 | 63.8 | 62.8 | | | | |
| | F | 3.650 | 2.143 | 1.528 | 1.196 | 0.990 | 0.850 | 0.751 | 0.676 | 0.619 | 0.574 | 0.536 | 0.509 | 0.484 | 0.464 | 0.447 | 0.432 | 0.419 | 0.408 | 0.399 | 0.390 |
| | A | 4.7 | 8.0 | 11.3 | 14.5 | 17.6 | 20.7 | 23.6 | 26.3 | 29.0 | 31.5 | 33.9 | 36.1 | 38.3 | 40.3 | 42.2 | 44.0 | 45.7 | 47.3 | 48.8 | 50.2 |
| | K********** | | 1.11 | 1.34 | 1.59 | 1.84 | 2.11 | 2.39 | 2.70 | 3.02 | 3.35 | 3.71 | 4.08 | 4.48 | 4.89 | 5.33 | 5.78 | 6.26 | | | |

CARRIERS 16 PICKS 9 ENDS 4

STR.DIA. DIAMETER OVER DIELECTRIC

| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.003 | %C | 80.3 | 52.1 | 39.7 | 33.3 | 29.6 | 27.3 | 25.7 | 24.6 | 23.8 | 23.2 | 22.8 | 22.4 | 22.1 | 21.9 | 21.7 | 21.6 | 21.5 | 21.3 | 21.3 | 21.2 |
| | F | 0.556 | 0.308 | 0.224 | 0.183 | 0.161 | 0.147 | 0.138 | 0.132 | 0.127 | 0.124 | 0.121 | 0.119 | 0.118 | 0.116 | 0.115 | 0.114 | 0.114 | 0.113 | 0.113 | 0.112 |
| | A | 11.2 | 20.5 | 28.9 | 36.1 | 42.1 | 47.2 | 51.5 | 55.1 | 58.2 | 60.8 | 63.0 | 65.0 | 66.7 | 68.2 | 69.5 | 70.7 | 71.7 | 72.7 | 73.5 | 74.3 |
| | K | 1.87 | 3.70 | 5.83 | 8.34 | 11.30 | 14.75 | 18.72 | 23.24 | 28.30 | 33.93 | 40.12 | 46.88 | 54.20 | 62.11 | 70.58 | 79.63 | 89.26 | 99.46 | 110.24 | 121.59 |
| 0.004 | %C | 92.0 | 64.5 | 50.3 | 42.7 | 38.2 | 35.3 | 33.3 | 32.0 | 31.0 | 30.2 | 29.7 | 29.2 | 28.9 | 28.6 | 28.4 | 28.2 | 28.0 | 27.9 | 27.8 | 27.7 |
| | F | 0.717 | 0.404 | 0.295 | 0.243 | 0.214 | 0.196 | 0.184 | 0.175 | 0.169 | 0.165 | 0.161 | 0.159 | 0.157 | 0.155 | 0.154 | 0.153 | 0.152 | 0.151 | 0.150 | 0.150 |
| | A | 11.6 | 20.9 | 29.2 | 36.3 | 42.0 | 47.4 | 51.7 | 55.3 | 58.3 | 60.9 | 63.1 | 65.0 | 66.7 | 68.2 | 69.5 | 70.7 | 71.7 | 72.7 | 73.5 | 74.3 |
| | K | 1.45 | 2.84 | 4.44 | 6.34 | 8.57 | 11.17 | 14.17 | 17.57 | 21.39 | 25.62 | 30.28 | 35.37 | 40.88 | 46.83 | 53.20 | 60.00 | 67.24 | 74.91 | 83.01 | 91.54 |
| 0.005 | %C | 98.2 | 74.7 | 59.8 | 51.3 | 46.1 | 42.8 | 40.5 | 39.0 | 37.8 | 36.9 | 36.3 | 35.7 | 35.2 | 34.8 | 34.5 | 34.3 | 34.1 | 34.0 | 33.9 | |
| | F | 0.868 | 0.497 | 0.366 | 0.302 | 0.266 | 0.244 | 0.229 | 0.219 | 0.211 | 0.206 | 0.202 | 0.198 | 0.196 | 0.194 | 0.192 | 0.191 | 0.189 | 0.189 | 0.188 | 0.187 |
| | A | 12.0 | 21.2 | 29.5 | 36.6 | 42.6 | 47.6 | 51.8 | 55.4 | 58.4 | 61.0 | 63.2 | 65.1 | 66.8 | 68.3 | 69.6 | 70.7 | 71.8 | 72.7 | 73.6 | 74.4 |
| | K | 1.20 | 2.52 | 3.61 | 5.13 | 6.93 | 9.03 | 11.44 | 14.17 | 17.24 | 20.64 | 24.38 | 28.46 | 32.89 | 37.66 | 42.77 | 48.23 | 54.03 | 60.18 | 66.67 | 73.52 |
| 0.006 | %C | ****** | 82.9 | 68.0 | 59.1 | 53.5 | 49.8 | 47.3 | 45.5 | 44.2 | 43.3 | 42.5 | 41.9 | 41.5 | 41.1 | 40.8 | 40.5 | 40.3 | 40.1 | 40.0 | 39.8 |
| | F | 1.000 | 0.587 | 0.435 | 0.360 | 0.318 | 0.292 | 0.274 | 0.262 | 0.253 | 0.247 | 0.242 | 0.238 | 0.235 | 0.232 | 0.230 | 0.229 | 0.227 | 0.226 | 0.225 | 0.224 |
| | A | 12.4 | 21.6 | 29.8 | 36.8 | 42.8 | 47.8 | 52.0 | 55.5 | 58.5 | 61.1 | 63.3 | 65.2 | 66.9 | 68.3 | 69.6 | 70.8 | 71.8 | 72.8 | 73.6 | 74.4 |
| | K | ****** | 1.97 | 3.05 | 4.33 | 5.84 | 7.60 | 9.62 | 11.91 | 14.47 | 17.32 | 20.45 | 23.86 | 27.56 | 31.55 | 35.82 | 40.38 | 45.23 | 50.36 | 55.78 | 61.50 |
| 0.007 | %C | ****** | 89.4 | 75.3 | 64.1 | 60.2 | 56.3 | 53.6 | 51.7 | 50.3 | 49.3 | 48.4 | 47.8 | 47.3 | 46.9 | 46.5 | 46.2 | 46.0 | 45.8 | 45.6 | 45.5 |
| | F | 1.142 | 0.674 | 0.503 | 0.418 | 0.369 | 0.339 | 0.319 | 0.305 | 0.295 | 0.288 | 0.282 | 0.277 | 0.274 | 0.271 | 0.269 | 0.267 | 0.265 | 0.264 | 0.263 | 0.262 |
| | A | 12.7 | 21.9 | 30.1 | 37.1 | 43.0 | 48.0 | 52.1 | 55.6 | 58.6 | 61.2 | 63.4 | 65.3 | 66.9 | 68.4 | 69.7 | 70.8 | 71.9 | 72.8 | 73.6 | 74.4 |
| | K | ****** | 1.72 | 2.66 | 3.76 | 5.06 | 6.58 | 8.32 | 10.29 | 12.50 | 14.95 | 17.64 | 20.58 | 23.76 | 27.18 | 30.85 | 34.77 | 38.94 | 43.35 | 48.01 | 52.91 |
| 0.008 | %C | ****** | 94.2 | 81.4 | 72.4 | 66.4 | 62.4 | 59.6 | 57.5 | 56.0 | 54.9 | 54.0 | 53.3 | 52.8 | 52.3 | 52.0 | 51.7 | 51.4 | 51.2 | 51.0 | 50.9 |
| | F | 1.268 | 0.759 | 0.569 | 0.475 | 0.420 | 0.387 | 0.364 | 0.348 | 0.337 | 0.328 | 0.322 | 0.317 | 0.313 | 0.310 | 0.307 | 0.305 | 0.303 | 0.301 | 0.300 | 0.299 |
| | A | 13.1 | 22.3 | 30.4 | 37.4 | 43.2 | 48.2 | 52.3 | 55.8 | 58.7 | 61.3 | 63.4 | 65.3 | 67.0 | 68.4 | 69.7 | 70.9 | 71.9 | 72.8 | 73.7 | 74.4 |
| | K | ****** | 1.54 | 2.36 | 3.33 | 4.48 | 5.81 | 7.34 | 9.08 | 11.02 | 13.17 | 15.53 | 18.11 | 20.90 | 23.91 | 27.13 | 30.57 | 34.22 | 38.09 | 42.17 | 46.47 |
| 0.010 | %C | ****** | 99.4 | 90.9 | 82.9 | 77.1 | 73.0 | 70.1 | 68.0 | 66.4 | 65.2 | 64.2 | 63.5 | 62.9 | 62.4 | 62.0 | 61.7 | 61.4 | 61.1 | 60.9 | 60.8 |
| | F | 1.499 | 0.922 | 0.699 | 0.586 | 0.521 | 0.481 | 0.453 | 0.434 | 0.420 | 0.410 | 0.402 | 0.396 | 0.391 | 0.387 | 0.384 | 0.381 | 0.379 | 0.377 | 0.375 | 0.374 |
| | A | 13.9 | 23.0 | 31.0 | 37.9 | 43.7 | 48.5 | 52.6 | 56.0 | 59.0 | 61.4 | 63.6 | 65.5 | 67.1 | 68.5 | 69.8 | 71.0 | 72.0 | 72.9 | 73.7 | 74.5 |
| | K | ****** | 1.28 | 1.95 | 2.74 | 3.66 | 4.74 | 5.98 | 7.38 | 8.95 | 10.68 | 12.59 | 14.66 | 16.91 | 19.33 | 21.92 | 24.68 | 27.62 | 30.73 | 34.01 | 37.46 |

CARRIERS 16 PICKS 9 ENDS 7

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 99.9 | 78.7 | 63.0 | 53.9 | 48.4 | 44.9 | 42.5 | 40.8 | 39.5 | 38.6 | 37.9 | 37.4 | 36.9 | 36.6 | 36.3 | 36.0 | 35.8 | 35.7 | 35.5 | 35.4 |
| | F | 0.973 | 0.539 | 0.391 | 0.321 | 0.282 | 0.257 | 0.241 | 0.230 | 0.222 | 0.217 | 0.212 | 0.209 | 0.206 | 0.204 | 0.202 | 0.200 | 0.199 | 0.198 | 0.197 | 0.196 |
| | A | 11.2 | 20.5 | 28.9 | 36.1 | 42.1 | 47.2 | 51.5 | 55.1 | 58.2 | 60.8 | 63.0 | 65.0 | 66.7 | 68.2 | 69.5 | 70.7 | 71.7 | 72.7 | 73.5 | 74.3 |
| | K | 1.07 | 2.12 | 3.33 | 4.77 | 6.46 | 8.43 | 10.70 | 13.28 | 16.17 | 19.39 | 22.92 | 26.79 | 30.97 | 35.49 | 40.33 | 45.50 | 51.00 | 56.83 | 62.99 | 69.48 |
| 0.004 | %C | ****** | 91.4 | 76.7 | 67.0 | 60.8 | 56.7 | 53.9 | 51.9 | 50.5 | 49.4 | 48.5 | 47.9 | 47.3 | 46.9 | 46.6 | 46.3 | 46.0 | 45.8 | 45.6 | 45.5 |
| | F | 1.255 | 0.707 | 0.517 | 0.425 | 0.374 | 0.342 | 0.321 | 0.307 | 0.296 | 0.288 | 0.283 | 0.278 | 0.274 | 0.271 | 0.269 | 0.267 | 0.265 | 0.264 | 0.263 | 0.262 |
| | A | 11.6 | 20.9 | 29.2 | 36.3 | 42.4 | 47.4 | 51.7 | 55.3 | 58.3 | 60.9 | 63.1 | 65.0 | 66.7 | 68.2 | 69.5 | 70.7 | 71.7 | 72.7 | 73.5 | 74.3 |
| | K | ****** | 1.62 | 2.54 | 3.62 | 4.90 | 6.39 | 8.10 | 10.04 | 12.22 | 14.64 | 17.30 | 20.21 | 23.36 | 26.76 | 30.40 | 34.29 | 38.42 | 42.81 | 47.43 | 52.31 |
| 0.005 | %C | ****** | 98.3 | 87.0 | 77.8 | 71.4 | 67.1 | 64.1 | 61.9 | 60.3 | 59.1 | 58.1 | 57.4 | 56.8 | 56.3 | 55.9 | 55.6 | 55.3 | 55.1 | 54.9 | 54.7 |
| | F | 1.518 | 0.869 | 0.640 | 0.529 | 0.466 | 0.426 | 0.401 | 0.383 | 0.370 | 0.360 | 0.353 | 0.347 | 0.343 | 0.339 | 0.336 | 0.334 | 0.332 | 0.330 | 0.328 | 0.327 |
| | A | 12.0 | 21.2 | 29.5 | 36.6 | 42.6 | 47.6 | 51.8 | 55.4 | 58.4 | 61.0 | 63.2 | 65.1 | 66.8 | 68.3 | 69.6 | 70.7 | 71.8 | 72.7 | 73.6 | 74.4 |
| | K | ****** | 1.32 | 2.06 | 2.93 | 3.96 | 5.16 | 6.54 | 8.10 | 9.85 | 11.80 | 13.93 | 16.27 | 18.79 | 21.52 | 24.44 | 27.56 | 30.88 | 34.39 | 38.10 | 42.01 |
| 0.006 | %C | ********** | 94.3 | 86.3 | 80.3 | 76.0 | 72.9 | 70.7 | 69.0 | 67.7 | 66.7 | 65.9 | 65.3 | 64.8 | 64.4 | 64.0 | 63.7 | 63.5 | 63.3 | 63.1 | |
| | F | 1.766 | 1.027 | 0.761 | 0.630 | 0.556 | 0.510 | 0.480 | 0.459 | 0.443 | 0.432 | 0.423 | 0.416 | 0.411 | 0.407 | 0.403 | 0.400 | 0.398 | 0.396 | 0.394 | 0.392 |
| | A | 12.4 | 21.6 | 29.8 | 36.8 | 42.8 | 47.8 | 52.0 | 55.5 | 58.5 | 61.1 | 63.3 | 65.2 | 66.9 | 68.3 | 69.6 | 70.8 | 71.8 | 72.8 | 73.6 | 74.4 |
| | K | ********** | 1.75 | 2.48 | 3.34 | 4.34 | 5.50 | 6.80 | 8.27 | 9.90 | 11.69 | 13.64 | 15.75 | 18.03 | 20.47 | 23.07 | 25.84 | 28.78 | 31.88 | 35.14 | |
| 0.007 | %C | ********** | 98.5 | 92.8 | 87.5 | 83.5 | 80.5 | 78.3 | 76.6 | 75.3 | 74.3 | 73.5 | 72.9 | 72.4 | 71.9 | 71.6 | 71.3 | 71.0 | 70.8 | 70.6 | |
| | F | 1.999 | 1.180 | 0.879 | 0.731 | 0.646 | 0.594 | 0.559 | 0.534 | 0.517 | 0.503 | 0.493 | 0.486 | 0.479 | 0.474 | 0.470 | 0.467 | 0.464 | 0.462 | 0.460 | 0.458 |
| | A | 12.7 | 21.9 | 30.1 | 37.1 | 43.0 | 48.0 | 52.1 | 55.6 | 58.6 | 61.2 | 63.4 | 65.3 | 66.8 | 68.4 | 69.7 | 70.8 | 71.9 | 72.8 | 73.6 | 74.4 |
| | K | ********** | 1.52 | 2.15 | 2.89 | 3.76 | 4.75 | 5.88 | 7.14 | 8.54 | 10.08 | 11.76 | 13.57 | 15.53 | 17.63 | 19.87 | 22.25 | 24.77 | 27.43 | 30.24 | |
| 0.008 | %C | ********** | 100.0 | 97.1 | 93.0 | 89.5 | 86.8 | 84.8 | 83.2 | 81.9 | 80.9 | 80.2 | 79.5 | 79.0 | 78.6 | 78.2 | 77.9 | 77.7 | 77.5 | 77.3 | |
| | F | 2.219 | 1.329 | 0.996 | 0.831 | 0.736 | 0.677 | 0.637 | 0.610 | 0.590 | 0.575 | 0.563 | 0.555 | 0.548 | 0.542 | 0.537 | 0.533 | 0.530 | 0.527 | 0.525 | 0.523 |
| | A | 13.1 | 22.3 | 30.4 | 37.4 | 43.2 | 48.2 | 52.3 | 55.8 | 58.7 | 61.3 | 63.4 | 65.3 | 67.0 | 68.4 | 69.7 | 70.9 | 71.9 | 72.8 | 73.7 | 74.4 |
| | K | ********** | 1.35 | 1.91 | 2.56 | 3.32 | 4.20 | 5.19 | 6.30 | 7.53 | 8.88 | 10.35 | 11.94 | 13.66 | 15.50 | 17.47 | 19.55 | 21.76 | 24.10 | 26.56 | |
| 0.010 | %C | ********** | 99.2 | 97.5 | 95.7 | 94.2 | 93.0 | 92.0 | 91.2 | 90.5 | 90.0 | 89.6 | 89.2 | 88.9 | 88.6 | 88.4 | 88.2 | 88.0 | | | |
| | F | 2.623 | 1.614 | 1.223 | 1.026 | 0.913 | 0.841 | 0.793 | 0.760 | 0.735 | 0.717 | 0.703 | 0.693 | 0.684 | 0.677 | 0.671 | 0.666 | 0.662 | 0.659 | 0.656 | 0.654 |
| | A | 13.9 | 23.0 | 31.0 | 37.9 | 43.7 | 48.5 | 52.6 | 56.0 | 59.0 | 61.4 | 63.6 | 65.5 | 67.1 | 68.5 | 69.8 | 71.0 | 72.0 | 72.9 | 73.7 | 74.5 |
| | K | ********** | 2.09 | 2.71 | 3.42 | 4.22 | 5.11 | 6.10 | 7.19 | 8.38 | 9.66 | 11.04 | 12.52 | 14.10 | 15.78 | 17.56 | 19.43 | 21.41 | | | |

| | CARRIERS | PICKS | ENDS |
|---|---|---|---|
| | 16 | 9 | 10 |

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 94.7 | 80.6 | 70.7 | 64.3 | 60.0 | 57.1 | 55.0 | 53.5 | 52.3 | 51.4 | 50.7 | 50.2 | 49.7 | 49.3 | 49.0 | 48.8 | 48.6 | 48.4 | 48.2 | |
| | F | 1.391 | 0.770 | 0.559 | 0.459 | 0.402 | 0.368 | 0.345 | 0.329 | 0.318 | 0.309 | 0.303 | 0.298 | 0.294 | 0.291 | 0.288 | 0.286 | 0.284 | 0.283 | 0.282 | 0.280 |
| | A | 11.2 | 20.5 | 28.9 | 36.1 | 42.1 | 47.2 | 51.5 | 55.1 | 58.2 | 60.8 | 63.0 | 65.0 | 66.7 | 68.2 | 69.5 | 70.7 | 71.7 | 72.7 | 73.5 | 74.3 |
| | K****** | | 1.48 | 2.33 | 3.34 | 4.52 | 5.90 | 7.49 | 9.30 | 11.32 | 13.57 | 16.05 | 18.75 | 21.68 | 24.84 | 28.23 | 31.85 | 35.70 | 39.78 | 44.10 | 48.64 |
| 0.004 | %C********** | 93.2 | 84.6 | 78.3 | 73.9 | 70.7 | 68.4 | 66.7 | 65.4 | 64.4 | 63.6 | 63.0 | 62.5 | 62.1 | 61.7 | 61.4 | 61.2 | 61.0 | 60.8 | | |
| | F | 1.793 | 1.010 | 0.738 | 0.608 | 0.534 | 0.489 | 0.459 | 0.438 | 0.423 | 0.412 | 0.404 | 0.397 | 0.392 | 0.388 | 0.384 | 0.381 | 0.379 | 0.377 | 0.375 | 0.374 |
| | A | 11.6 | 20.9 | 29.2 | 36.3 | 42.4 | 47.4 | 51.7 | 55.3 | 58.3 | 60.9 | 63.1 | 65.0 | 66.7 | 68.2 | 69.5 | 70.7 | 71.7 | 72.7 | 73.5 | 74.3 |
| | K********** | | 1.78 | 2.53 | 3.43 | 4.47 | 5.67 | 7.03 | 8.56 | 10.25 | 12.11 | 14.15 | 16.35 | 18.73 | 21.28 | 24.00 | 26.90 | 29.96 | 33.20 | 36.62 | |
| 0.005 | %C********** | 99.3 | 94.0 | 88.8 | 84.7 | 81.7 | 79.5 | 77.8 | 76.4 | 75.4 | 74.6 | 74.0 | 73.4 | 73.0 | 72.6 | 72.3 | 72.0 | 71.8 | 71.6 | | |
| | F | 2.169 | 1.242 | 0.914 | 0.755 | 0.665 | 0.609 | 0.572 | 0.547 | 0.528 | 0.515 | 0.504 | 0.496 | 0.490 | 0.484 | 0.480 | 0.477 | 0.474 | 0.471 | 0.469 | 0.467 |
| | A | 12.0 | 21.2 | 29.5 | 36.6 | 42.6 | 47.6 | 51.8 | 55.4 | 58.4 | 61.0 | 63.2 | 65.1 | 66.8 | 68.3 | 69.6 | 70.7 | 71.8 | 72.7 | 73.6 | 74.4 |
| | K********** | | 1.44 | 2.05 | 2.77 | 3.61 | 4.58 | 5.67 | 6.90 | 8.26 | 9.75 | 11.39 | 13.16 | 15.06 | 17.11 | 19.29 | 21.61 | 24.07 | 26.67 | 29.41 | |
| 0.006 | %C********** | 99.0 | 95.8 | 92.7 | 90.1 | 88.1 | 86.5 | 85.3 | 84.4 | 83.6 | 83.0 | 82.5 | 82.0 | 81.7 | 81.4 | 81.1 | 80.9 | 80.7 | | | |
| | F | 2.523 | 1.467 | 1.087 | 0.901 | 0.795 | 0.729 | 0.685 | 0.655 | 0.633 | 0.617 | 0.605 | 0.595 | 0.587 | 0.581 | 0.576 | 0.572 | 0.568 | 0.565 | 0.563 | 0.561 |
| | A | 12.4 | 21.6 | 29.8 | 36.8 | 42.8 | 47.8 | 52.0 | 55.5 | 58.5 | 61.1 | 63.3 | 65.2 | 66.9 | 68.3 | 69.6 | 70.8 | 71.8 | 72.8 | 73.6 | 74.4 |
| | K********** | | 1.73 | 2.34 | 3.04 | 3.85 | 4.76 | 5.79 | 6.93 | 8.18 | 9.55 | 11.02 | 12.62 | 14.33 | 16.15 | 18.09 | 20.14 | 22.31 | 24.60 | | |
| 0.007 | %C********** | 99.4 | 97.7 | 95.9 | 94.4 | 93.1 | 92.1 | 91.3 | 90.6 | 90.1 | 89.6 | 89.2 | 88.9 | 88.6 | 88.4 | 88.2 | 88.0 | | | | |
| | F | 2.856 | 1.686 | 1.256 | 1.044 | 0.923 | 0.848 | 0.798 | 0.763 | 0.738 | 0.719 | 0.705 | 0.694 | 0.685 | 0.678 | 0.672 | 0.667 | 0.663 | 0.659 | 0.657 | 0.654 |
| | A | 12.7 | 21.9 | 30.1 | 37.1 | 43.0 | 48.0 | 52.1 | 55.6 | 58.6 | 61.2 | 63.4 | 65.3 | 66.9 | 68.4 | 69.7 | 70.8 | 71.9 | 72.8 | 73.6 | 74.4 |
| | K********** | | 2.03 | 2.63 | 3.33 | 4.12 | 5.00 | 5.98 | 7.06 | 8.23 | 9.50 | 10.87 | 12.34 | 13.91 | 15.57 | 17.34 | 19.20 | 21.17 | | | |
| 0.008 | %C********** | 99.9 | 99.2 | 98.3 | 97.5 | 96.8 | 96.2 | 95.7 | 95.3 | 94.9 | 94.6 | 94.3 | 94.1 | 93.9 | 93.8 | 93.6 | | | | | |
| | F | 3.170 | 1.898 | 1.423 | 1.187 | 1.051 | 0.966 | 0.910 | 0.871 | 0.842 | 0.821 | 0.805 | 0.792 | 0.782 | 0.774 | 0.768 | 0.762 | 0.757 | 0.754 | 0.750 | 0.747 |
| | A | 13.1 | 22.3 | 30.4 | 37.4 | 43.2 | 48.2 | 52.3 | 55.8 | 58.7 | 61.3 | 63.4 | 65.3 | 67.0 | 68.4 | 69.7 | 70.9 | 71.9 | 72.8 | 73.7 | 74.4 |
| | K********** | | 2.33 | 2.94 | 3.63 | 4.41 | 5.27 | 6.21 | 7.24 | 8.36 | 9.56 | 10.85 | 12.23 | 13.69 | 15.24 | 16.87 | 18.59 | | | | |
| 0.010 | %C********** | 100.0 | 99.9 | 99.9 | 99.8 | 99.8 | 99.7 | 99.7 | 99.6 | 99.6 | | | | | | | | | | | |
| | F | 3.748 | 2.305 | 1.748 | 1.466 | 1.304 | 1.201 | 1.133 | 1.085 | 1.051 | 1.025 | 1.005 | 0.989 | 0.977 | 0.967 | 0.959 | 0.952 | 0.946 | 0.942 | 0.938 | 0.934 |
| | A | 13.9 | 23.0 | 31.0 | 37.9 | 43.7 | 48.5 | 52.6 | 56.0 | 59.0 | 61.4 | 63.6 | 65.5 | 67.1 | 68.5 | 69.8 | 71.0 | 72.0 | 72.9 | 73.7 | 74.5 |
| | K********** | | | | | | | | | | | | 5.86 | 6.76 | 7.73 | 8.77 | 9.87 | 11.05 | 12.29 | 13.60 | 14.99 |

CARRIERS 16 PICKS 15 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 81.9 | 56.4 | 46.1 | 41.2 | 38.5 | 36.9 | 35.9 | 35.2 | 34.7 | 34.4 | 34.1 | 33.9 | 33.7 | 33.6 | 33.5 | 33.4 | 33.3 | 33.3 | 33.2 | 33.2 |
| | F | 0.575 | 0.340 | 0.266 | 0.233 | 0.216 | 0.206 | 0.199 | 0.195 | 0.192 | 0.190 | 0.188 | 0.187 | 0.186 | 0.185 | 0.184 | 0.184 | 0.184 | 0.183 | 0.183 | 0.183 |
| | A | 18.3 | 32.0 | 42.6 | 50.5 | 56.4 | 61.0 | 64.5 | 67.3 | 69.6 | 71.5 | 73.0 | 74.4 | 75.5 | 76.5 | 77.3 | 78.1 | 78.8 | 79.4 | 79.9 | 80.4 |
| | K | 1.93 | 4.09 | 6.93 | 10.60 | 15.16 | 20.68 | 27.07 | 34.44 | 42.77 | 52.06 | 62.31 | 73.52 | 85.69 | 98.82 | 112.92 | 127.98 | 144.00 | 160.98 | 178.93 | 197.84 |
| 0.004 | %C | 93.4 | 69.4 | 58.0 | 52.4 | 49.2 | 47.3 | 46.1 | 45.2 | 44.6 | 44.2 | 43.9 | 43.6 | 43.4 | 43.3 | 43.1 | 43.0 | 42.9 | 42.9 | 42.8 | 42.8 |
| | F | 0.742 | 0.447 | 0.352 | 0.310 | 0.287 | 0.274 | 0.266 | 0.260 | 0.256 | 0.253 | 0.251 | 0.249 | 0.248 | 0.247 | 0.246 | 0.245 | 0.245 | 0.244 | 0.244 | 0.243 |
| | A | 18.9 | 32.5 | 42.9 | 50.8 | 56.7 | 61.1 | 64.6 | 67.4 | 69.7 | 71.5 | 73.1 | 74.4 | 75.5 | 76.5 | 77.4 | 78.1 | 78.8 | 79.4 | 80.0 | 80.4 |
| | K | 1.50 | 3.14 | 5.30 | 8.07 | 11.52 | 15.66 | 20.51 | 26.07 | 32.34 | 39.34 | 47.05 | 55.49 | 64.65 | 74.52 | 85.13 | 96.45 | 108.49 | 121.26 | 134.75 | 148.97 |
| 0.005 | %C | 99.0 | 79.9 | 68.3 | 62.3 | 58.8 | 56.7 | 55.3 | 54.4 | 53.7 | 53.2 | 52.9 | 52.6 | 52.4 | 52.2 | 52.0 | 51.9 | 51.8 | 51.7 | 51.6 | 51.6 |
| | F | 0.900 | 0.552 | 0.437 | 0.386 | 0.358 | 0.342 | 0.332 | 0.325 | 0.320 | 0.316 | 0.313 | 0.311 | 0.310 | 0.308 | 0.307 | 0.307 | 0.306 | 0.305 | 0.305 | 0.304 |
| | A | 19.5 | 32.9 | 43.3 | 51.0 | 56.9 | 61.3 | 64.8 | 67.5 | 69.7 | 71.6 | 73.1 | 74.4 | 75.6 | 76.6 | 77.4 | 78.2 | 78.8 | 79.4 | 80.0 | 80.5 |
| | K | 1.25 | 2.57 | 4.32 | 6.56 | 9.34 | 12.67 | 16.57 | 21.04 | 26.09 | 31.71 | 37.90 | 44.67 | 52.02 | 59.95 | 68.45 | 77.53 | 87.19 | 97.43 | 108.25 | 119.64 |
| 0.006 | %C | ****** | 88.0 | 77.1 | 71.0 | 67.4 | 65.2 | 63.7 | 62.7 | 62.0 | 61.5 | 61.1 | 60.8 | 60.5 | 60.3 | 60.2 | 60.0 | 59.9 | 59.8 | 59.7 | 59.7 |
| | F | 1.049 | 0.654 | 0.521 | 0.461 | 0.429 | 0.410 | 0.398 | 0.389 | 0.384 | 0.379 | 0.376 | 0.374 | 0.372 | 0.370 | 0.369 | 0.368 | 0.367 | 0.366 | 0.366 | 0.365 |
| | A | 20.1 | 33.4 | 43.7 | 51.3 | 57.1 | 61.4 | 64.9 | 67.6 | 69.8 | 71.7 | 73.2 | 74.5 | 75.6 | 76.6 | 77.4 | 78.2 | 78.9 | 79.5 | 80.0 | 80.5 |
| | K | ****** | 2.20 | 3.66 | 5.55 | 7.88 | 10.68 | 13.95 | 17.69 | 21.92 | 26.62 | 31.80 | 37.46 | 43.61 | 50.23 | 57.34 | 64.92 | 72.99 | 81.54 | 90.58 | 100.09 |
| 0.007 | %C | ****** | 93.9 | 84.4 | 78.5 | 74.9 | 72.7 | 71.2 | 70.2 | 69.4 | 68.9 | 68.5 | 68.2 | 67.9 | 67.7 | 67.5 | 67.4 | 67.3 | 67.2 | 67.1 | 67.0 |
| | F | 1.191 | 0.753 | 0.605 | 0.536 | 0.499 | 0.477 | 0.463 | 0.454 | 0.447 | 0.442 | 0.439 | 0.436 | 0.434 | 0.432 | 0.430 | 0.429 | 0.428 | 0.427 | 0.426 | 0.426 |
| | A | 20.7 | 33.9 | 44.0 | 51.6 | 57.3 | 61.6 | 65.0 | 67.7 | 69.9 | 71.7 | 73.2 | 74.5 | 75.7 | 76.6 | 77.5 | 78.2 | 78.9 | 79.5 | 80.0 | 80.5 |
| | K | ****** | 1.93 | 3.20 | 4.83 | 6.85 | 9.26 | 12.08 | 15.30 | 18.94 | 22.99 | 27.44 | 32.31 | 37.60 | 43.29 | 49.40 | 55.92 | 62.85 | 70.20 | 77.95 | 86.13 |
| 0.008 | %C | ****** | 97.8 | 90.2 | 84.8 | 81.5 | 79.3 | 77.8 | 76.8 | 76.1 | 75.5 | 75.1 | 74.8 | 74.5 | 74.3 | 74.2 | 74.0 | 73.9 | 73.8 | 73.7 | 73.6 |
| | F | 1.325 | 0.851 | 0.687 | 0.611 | 0.569 | 0.545 | 0.529 | 0.518 | 0.511 | 0.505 | 0.501 | 0.498 | 0.495 | 0.493 | 0.492 | 0.490 | 0.489 | 0.488 | 0.487 | 0.487 |
| | A | 21.2 | 34.3 | 44.4 | 51.8 | 57.5 | 61.8 | 65.1 | 67.8 | 70.0 | 71.8 | 73.3 | 74.6 | 75.7 | 76.7 | 77.5 | 78.2 | 78.9 | 79.5 | 80.0 | 80.5 |
| | K | ****** | 1.72 | 2.85 | 4.29 | 6.07 | 8.19 | 10.67 | 13.51 | 16.71 | 20.26 | 24.18 | 28.45 | 33.09 | 38.09 | 43.44 | 49.16 | 55.24 | 61.69 | 68.49 | 75.65 |
| 0.010 | %C | ********** | | 97.7 | 94.1 | 91.5 | 89.7 | 88.4 | 87.6 | 86.9 | 86.4 | 86.0 | 85.7 | 85.5 | 85.3 | 85.1 | 85.0 | 84.9 | 84.8 | 84.7 | 84.7 |
| | F | 1.574 | 1.039 | 0.848 | 0.758 | 0.709 | 0.679 | 0.660 | 0.647 | 0.638 | 0.631 | 0.626 | 0.622 | 0.619 | 0.616 | 0.614 | 0.613 | 0.611 | 0.610 | 0.609 | 0.608 |
| | A | 22.4 | 35.3 | 45.0 | 52.3 | 57.8 | 62.1 | 65.4 | 68.0 | 70.1 | 71.9 | 73.4 | 74.7 | 75.8 | 76.7 | 77.6 | 78.3 | 79.0 | 79.5 | 80.1 | 80.6 |
| | K | ********** | | 2.36 | 3.54 | 4.98 | 6.70 | 8.71 | 11.00 | 13.58 | 16.45 | 19.60 | 23.05 | 26.78 | 30.80 | 35.11 | 39.71 | 44.60 | 49.77 | 55.24 | 60.99 |

| CARRIERS | PICKS | ENDS |
|---|---|---|
| 16 | 15 | 7 |

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ****** | 83.6 | 71.4 | 65.0 | 61.3 | 59.1 | 57.6 | 56.6 | 55.9 | 55.4 | 55.0 | 54.7 | 54.5 | 54.3 | 54.1 | 54.0 | 53.9 | 53.8 | 53.8 | 53.7 |
| | F | 1.006 | 0.595 | 0.466 | 0.408 | 0.378 | 0.360 | 0.349 | 0.341 | 0.336 | 0.332 | 0.329 | 0.327 | 0.325 | 0.324 | 0.323 | 0.322 | 0.321 | 0.320 | 0.320 | 0.319 |
| | A | 18.3 | 32.0 | 42.6 | 50.5 | 56.4 | 61.0 | 64.5 | 67.3 | 69.6 | 71.5 | 73.0 | 74.4 | 75.5 | 76.5 | 77.3 | 78.1 | 78.8 | 79.4 | 79.9 | 80.4 |
| | K | ****** | 2.34 | 3.96 | 6.06 | 8.66 | 11.80 | 15.47 | 19.68 | 24.44 | 29.75 | 35.60 | 42.01 | 48.96 | 56.47 | 64.52 | 73.13 | 82.28 | 91.99 | 102.25 | 113.05 |
| 0.004 | %C | ****** | 95.3 | 85.3 | 79.0 | 75.3 | 72.9 | 71.4 | 70.3 | 69.5 | 69.0 | 68.5 | 68.2 | 67.9 | 67.7 | 67.6 | 67.4 | 67.3 | 67.2 | 67.1 | 67.0 |
| | F | 1.299 | 0.782 | 0.616 | 0.542 | 0.503 | 0.480 | 0.465 | 0.455 | 0.448 | 0.443 | 0.439 | 0.436 | 0.434 | 0.432 | 0.430 | 0.429 | 0.428 | 0.427 | 0.427 | 0.426 |
| | A | 18.9 | 32.5 | 42.9 | 50.8 | 56.7 | 61.1 | 64.6 | 67.4 | 69.7 | 71.5 | 73.1 | 74.4 | 75.5 | 76.5 | 77.4 | 78.1 | 78.8 | 79.4 | 80.0 | 80.4 |
| | K | ****** | 1.80 | 3.03 | 4.61 | 6.58 | 8.95 | 11.72 | 14.90 | 18.48 | 22.48 | 26.89 | 31.71 | 36.94 | 42.59 | 48.64 | 55.11 | 62.00 | 69.29 | 77.00 | 85.12 |
| 0.005 | %C | ****** | 99.9 | 94.5 | 89.4 | 86.1 | 83.9 | 82.4 | 81.4 | 80.6 | 80.0 | 79.6 | 79.3 | 79.0 | 78.8 | 78.6 | 78.5 | 78.4 | 78.3 | 78.2 | 78.1 |
| | F | 1.575 | 0.965 | 0.765 | 0.675 | 0.627 | 0.599 | 0.580 | 0.568 | 0.560 | 0.553 | 0.549 | 0.545 | 0.542 | 0.540 | 0.538 | 0.536 | 0.535 | 0.534 | 0.533 | 0.532 |
| | A | 19.5 | 32.9 | 43.3 | 51.0 | 56.9 | 61.3 | 64.8 | 67.5 | 69.7 | 71.6 | 73.1 | 74.4 | 75.6 | 76.6 | 77.4 | 78.2 | 78.8 | 79.4 | 80.0 | 80.5 |
| | K | ****** | 1.47 | 2.47 | 3.75 | 5.34 | 7.24 | 9.47 | 12.02 | 14.91 | 18.12 | 21.66 | 25.53 | 29.73 | 34.26 | 39.12 | 44.30 | 49.82 | 55.67 | 61.85 | 68.37 |
| 0.006 | %C | ********** | 99.2 | 96.3 | 93.8 | 92.0 | 90.7 | 89.8 | 89.2 | 88.7 | 88.3 | 88.0 | 87.8 | 87.6 | 87.4 | 87.3 | 87.2 | 87.1 | 87.0 | 87.0 | |
| | F | 1.836 | 1.144 | 0.913 | 0.807 | 0.751 | 0.717 | 0.696 | 0.681 | 0.671 | 0.664 | 0.658 | 0.654 | 0.650 | 0.648 | 0.645 | 0.644 | 0.642 | 0.641 | 0.640 | 0.639 |
| | A | 20.1 | 33.4 | 43.7 | 51.3 | 57.1 | 61.4 | 64.9 | 67.6 | 69.8 | 71.7 | 73.2 | 74.5 | 75.6 | 76.6 | 77.4 | 78.2 | 78.9 | 79.5 | 80.0 | 80.5 |
| | K | ********** | 2.09 | 3.17 | 4.50 | 6.10 | 7.97 | 10.11 | 12.52 | 15.21 | 18.17 | 21.41 | 24.92 | 28.70 | 32.76 | 37.10 | 41.71 | 46.60 | 51.76 | 57.19 | |
| 0.007 | %C | ********** | 99.6 | 98.4 | 97.3 | 96.4 | 95.8 | 95.3 | 94.9 | 94.6 | 94.4 | 94.2 | 94.0 | 93.9 | 93.8 | 93.7 | 93.6 | 93.6 | 93.5 | | |
| | F | 2.084 | 1.318 | 1.058 | 0.938 | 0.874 | 0.836 | 0.811 | 0.794 | 0.783 | 0.774 | 0.768 | 0.763 | 0.759 | 0.755 | 0.753 | 0.751 | 0.749 | 0.748 | 0.746 | 0.745 |
| | A | 20.7 | 33.9 | 44.0 | 51.6 | 57.3 | 61.6 | 65.0 | 67.7 | 69.9 | 71.7 | 73.2 | 74.5 | 75.7 | 76.6 | 77.5 | 78.2 | 78.9 | 79.5 | 80.0 | 80.5 |
| | K | ********** | 2.76 | 3.91 | 5.29 | 6.90 | 8.75 | 10.82 | 13.13 | 15.68 | 18.46 | 21.48 | 24.74 | 28.23 | 31.95 | 35.91 | 40.11 | 44.55 | 49.21 | | |
| 0.008 | %C | ********** | 100.0 | 99.8 | 99.5 | 99.1 | 98.9 | 98.7 | 98.5 | 98.3 | 98.2 | 98.1 | 98.1 | 98.0 | 97.9 | 97.9 | 97.8 | 97.8 | | | |
| | F | 2.318 | 1.489 | 1.201 | 1.068 | 0.996 | 0.954 | 0.926 | 0.907 | 0.894 | 0.884 | 0.877 | 0.871 | 0.867 | 0.863 | 0.860 | 0.858 | 0.856 | 0.854 | 0.853 | 0.852 |
| | A | 21.2 | 34.3 | 44.4 | 51.8 | 57.5 | 61.8 | 65.1 | 67.8 | 70.0 | 71.8 | 73.3 | 74.6 | 75.7 | 76.7 | 77.5 | 78.2 | 78.9 | 79.5 | 80.0 | 80.5 |
| | K | ********** | 3.47 | 4.68 | 6.10 | 7.72 | 9.55 | 11.58 | 13.82 | 16.26 | 18.91 | 21.76 | 24.83 | 28.09 | 31.57 | 35.25 | 39.14 | 43.23 | | | |
| 0.010 | %C | ********** | | | | | | | | | | | | | | | | | | | |
| | F | 2.754 | 1.819 | 1.484 | 1.326 | 1.240 | 1.189 | 1.155 | 1.133 | 1.116 | 1.105 | 1.096 | 1.089 | 1.083 | 1.079 | 1.075 | 1.072 | 1.070 | 1.068 | 1.066 | 1.064 |
| | A | 22.4 | 35.3 | 45.0 | 52.3 | 57.8 | 62.1 | 65.4 | 68.0 | 70.1 | 71.9 | 73.4 | 74.7 | 75.8 | 76.7 | 77.6 | 78.3 | 79.0 | 79.5 | 80.1 | 80.6 |
| | K | ********** | | | | | | | | | | | | | | | | | | | |

CARRIERS 16 PICKS 15 ENDS 10

| STR.DIA. | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 97.7 | 88.8 | 85.6 | 78.8 | 78.4 | 74.9 | 73.8 | 73.0 | 72.4 | 72.0 | 71.6 | 71.4 | 71.1 | 71.0 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 |
| | F 1.436 | 0.850 | 0.665 | 0.563 | 0.540 | 0.515 | 0.499 | 0.488 | 0.480 | 0.475 | 0.471 | 0.467 | 0.465 | 0.463 | 0.461 | 0.460 | 0.459 | 0.458 | 0.457 | 0.456 |
| | A 18.3 | 32.0 | 42.6 | 50.5 | 56.4 | 61.0 | 64.5 | 67.3 | 69.6 | 71.5 | 73.0 | 74.4 | 75.5 | 76.5 | 77.3 | 78.1 | 78.8 | 79.4 | 79.9 | 80.4 |
| | K****** | 1.64 | 2.77 | 4.24 | 6.06 | 8.26 | 10.83 | 13.78 | 17.11 | 20.82 | 24.92 | 29.41 | 34.27 | 39.53 | 45.17 | 51.19 | 57.60 | 64.39 | 71.57 | 79.14 |
| 0.004 | %C********** | 98.6 | 94.9 | 92.1 | 90.1 | 88.7 | 87.7 | 87.0 | 86.5 | 86.1 | 85.8 | 85.5 | 85.3 | 85.2 | 85.0 | 84.9 | 84.8 | 84.7 | 84.7 | |
| | F 1.856 | 1.118 | 0.881 | 0.774 | 0.718 | 0.685 | 0.664 | 0.650 | 0.640 | 0.633 | 0.627 | 0.623 | 0.620 | 0.617 | 0.615 | 0.613 | 0.612 | 0.610 | 0.609 | 0.608 |
| | A 18.9 | 32.5 | 42.9 | 50.8 | 56.7 | 61.1 | 64.6 | 67.5 | 69.7 | 71.5 | 73.1 | 74.4 | 75.5 | 76.5 | 77.4 | 78.1 | 78.8 | 79.4 | 80.0 | 80.4 |
| | K********** | 2.12 | 3.23 | 4.61 | 6.26 | 8.20 | 10.43 | 12.94 | 15.74 | 18.82 | 22.20 | 25.86 | 29.81 | 34.05 | 38.58 | 43.40 | 48.50 | 53.90 | 59.59 | |
| 0.005 | %C****************** | 99.9 | 98.9 | 97.9 | 97.1 | 96.5 | 96.0 | 95.6 | 95.3 | 95.1 | 94.9 | 94.8 | 94.6 | 94.5 | 94.5 | 94.4 | 94.3 | 94.3 | | |
| | F 2.251 | 1.379 | 1.094 | 0.964 | 0.896 | 0.855 | 0.829 | 0.812 | 0.799 | 0.790 | 0.784 | 0.779 | 0.774 | 0.771 | 0.768 | 0.766 | 0.764 | 0.763 | 0.762 | 0.761 |
| | A 19.5 | 32.9 | 43.3 | 51.0 | 56.9 | 61.3 | 64.8 | 67.5 | 69.7 | 71.6 | 73.1 | 74.4 | 75.6 | 76.6 | 77.4 | 78.2 | 78.8 | 79.4 | 80.0 | 80.5 |
| | K****************** | 2.62 | 3.74 | 5.07 | 6.63 | 8.42 | 10.43 | 12.68 | 15.16 | 17.87 | 20.81 | 23.98 | 27.38 | 31.01 | 34.88 | 38.97 | 43.30 | 47.86 | | |
| 0.006 | %C********************************** | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.6 | 99.5 | 99.4 | 99.4 | 99.4 | 99.3 | 99.3 | 99.3 | 99.2 | | | | | |
| | F 2.624 | 1.634 | 1.304 | 1.153 | 1.072 | 1.025 | 0.994 | 0.973 | 0.959 | 0.948 | 0.940 | 0.934 | 0.929 | 0.925 | 0.922 | 0.919 | 0.917 | 0.915 | 0.914 | 0.913 |
| | A 20.1 | 33.4 | 43.7 | 51.3 | 57.1 | 61.4 | 64.9 | 67.6 | 69.8 | 71.7 | 73.2 | 74.5 | 75.6 | 76.6 | 77.4 | 78.2 | 78.9 | 79.5 | 80.0 | 80.5 |
| | K********************************** | 5.58 | 7.08 | 8.77 | 10.65 | 12.72 | 14.99 | 17.44 | 20.09 | 22.93 | 25.97 | 29.20 | 32.62 | 36.23 | 40.04 | | | | | |
| 0.007 | %C**************************************************************************************************** | | | | | | | | | | | | | | | | | | | |
| | F 2.977 | 1.883 | 1.511 | 1.340 | 1.248 | 1.194 | 1.159 | 1.135 | 1.118 | 1.106 | 1.097 | 1.089 | 1.084 | 1.079 | 1.076 | 1.073 | 1.070 | 1.068 | 1.066 | 1.065 |
| | A 20.7 | 33.9 | 44.0 | 51.6 | 57.3 | 61.8 | 65.0 | 67.7 | 69.9 | 71.7 | 73.2 | 74.5 | 75.7 | 76.6 | 77.5 | 78.2 | 78.9 | 79.5 | 80.0 | 80.5 |
| | K**************************************************************************************************** | | | | | | | | | | | | | | | | | | | |
| 0.008 | %C**************************************************************************************************** | | | | | | | | | | | | | | | | | | | |
| | F 3.312 | 2.127 | 1.716 | 1.526 | 1.424 | 1.362 | 1.323 | 1.296 | 1.277 | 1.263 | 1.253 | 1.245 | 1.238 | 1.233 | 1.229 | 1.226 | 1.223 | 1.220 | 1.218 | 1.217 |
| | A 21.2 | 34.3 | 44.4 | 51.8 | 57.5 | 61.8 | 65.1 | 67.8 | 70.0 | 71.8 | 73.3 | 74.6 | 75.7 | 76.7 | 77.5 | 78.2 | 78.9 | 79.5 | 80.0 | 80.5 |
| | K**************************************************************************************************** | | | | | | | | | | | | | | | | | | | |
| 0.010 | %C**************************************************************************************************** | | | | | | | | | | | | | | | | | | | |
| | F 3.935 | 2.599 | 2.120 | 1.895 | 1.772 | 1.698 | 1.650 | 1.618 | 1.595 | 1.578 | 1.565 | 1.555 | 1.547 | 1.541 | 1.536 | 1.532 | 1.528 | 1.525 | 1.523 | 1.521 |
| | A 22.4 | 35.3 | 45.0 | 52.3 | 57.8 | 62.1 | 65.4 | 68.0 | 70.1 | 71.9 | 73.4 | 74.7 | 75.8 | 76.7 | 77.6 | 78.3 | 79.0 | 79.5 | 80.1 | 80.6 |
| | K**************************************************************************************************** | | | | | | | | | | | | | | | | | | | |

| | | CARRIERS | PICKS | ENDS |
|---|---|---|---|---|
| | | 24 | 3 | 4 |

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 96.7 | 68.0 | 50.4 | 40.0 | 33.2 | 28.4 | 25.0 | 22.3 | 20.2 | 18.5 | 17.2 | 16.1 | 15.1 | 14.3 | 13.6 | 13.0 | 12.5 | 12.0 | 11.6 | 11.3 |
| | F | 0.819 | 0.434 | 0.296 | 0.225 | 0.183 | 0.154 | 0.134 | 0.118 | 0.107 | 0.097 | 0.090 | 0.084 | 0.079 | 0.074 | 0.071 | 0.067 | 0.065 | 0.062 | 0.060 | 0.058 |
| | A | 2.5 | 4.8 | 7.0 | 9.2 | 11.4 | 13.5 | 15.6 | 17.7 | 19.7 | 21.7 | 23.6 | 25.5 | 27.3 | 29.0 | 30.7 | 32.3 | 33.9 | 35.4 | 36.9 | 38.3 |
| | K | 1.22 | 2.32 | 3.43 | 4.55 | 5.70 | 6.87 | 8.06 | 9.30 | 10.57 | 11.88 | 13.24 | 14.64 | 16.10 | 17.61 | 19.18 | 20.81 | 22.50 | 24.26 | 26.08 | 27.97 |
| 0.004 | %C | ****** | 81.3 | 62.8 | 50.7 | 42.5 | 36.7 | 32.3 | 29.0 | 26.4 | 24.2 | 22.5 | 21.0 | 19.8 | 18.8 | 17.9 | 17.1 | 16.4 | 15.9 | 15.3 | 14.9 |
| | F | .055 | 0.568 | 0.390 | 0.298 | 0.242 | 0.204 | 0.177 | 0.157 | 0.142 | 0.130 | 0.120 | 0.111 | 0.105 | 0.099 | 0.094 | 0.090 | 0.086 | 0.083 | 0.080 | 0.077 |
| | A | 2.6 | 4.8 | 7.1 | 9.3 | 11.5 | 13.6 | 15.7 | 17.8 | 19.8 | 21.8 | 23.7 | 25.5 | 27.3 | 29.1 | 30.8 | 32.4 | 34.0 | 35.5 | 37.0 | 38.4 |
| | K | ****** | 1.77 | 2.61 | 3.45 | 4.31 | 5.18 | 6.08 | 7.01 | 7.96 | 8.95 | 9.97 | 11.02 | 12.12 | 13.26 | 14.43 | 15.66 | 16.93 | 18.25 | 19.62 | 21.04 |
| 0.005 | %C | ****** | 90.8 | 73.1 | 60.1 | 51.0 | 44.3 | 39.2 | 35.3 | 32.2 | 29.7 | 27.6 | 25.8 | 24.4 | 23.1 | 22.0 | 21.1 | 20.3 | 19.6 | 18.9 | 18.4 |
| | F | 1.275 | 0.697 | 0.481 | 0.369 | 0.300 | 0.254 | 0.221 | 0.196 | 0.177 | 0.161 | 0.149 | 0.139 | 0.130 | 0.123 | 0.117 | 0.112 | 0.107 | 0.103 | 0.100 | 0.097 |
| | A | 2.7 | 4.9 | 7.2 | 9.4 | 11.5 | 13.7 | 15.8 | 17.8 | 19.9 | 21.8 | 23.7 | 25.6 | 27.4 | 29.1 | 30.8 | 32.5 | 34.0 | 35.6 | 37.0 | 38.4 |
| | K | ****** | 1.45 | 2.11 | 2.79 | 3.47 | 4.18 | 4.90 | 5.64 | 6.40 | 7.19 | 8.01 | 8.85 | 9.73 | 10.64 | 11.59 | 12.57 | 13.58 | 14.64 | 15.74 | 16.88 |
| 0.006 | %C | ****** | 96.8 | 81.5 | 68.5 | 58.7 | 51.4 | 45.7 | 41.3 | 37.8 | 34.9 | 32.5 | 30.5 | 28.8 | 27.3 | 26.1 | 25.0 | 24.0 | 23.2 | 22.5 | 21.8 |
| | F | 1.480 | 0.822 | 0.570 | 0.438 | 0.357 | 0.303 | 0.263 | 0.234 | 0.211 | 0.193 | 0.178 | 0.166 | 0.156 | 0.148 | 0.140 | 0.134 | 0.128 | 0.124 | 0.119 | 0.116 |
| | A | 2.8 | 5.0 | 7.3 | 9.5 | 11.6 | 13.8 | 15.9 | 17.9 | 19.9 | 21.9 | 23.8 | 25.7 | 27.5 | 29.2 | 30.9 | 32.5 | 34.1 | 35.6 | 37.1 | 38.5 |
| | K | ****** | 1.23 | 1.78 | 2.34 | 2.92 | 3.50 | 4.11 | 4.72 | 5.36 | 6.02 | 6.70 | 7.41 | 8.14 | 8.90 | 9.69 | 10.51 | 11.36 | 12.24 | 13.15 | 14.10 |
| 0.007 | %C | ****** | 99.7 | 88.3 | 75.7 | 65.6 | 57.9 | 51.8 | 47.0 | 43.0 | 39.8 | 37.2 | 34.9 | 33.0 | 31.4 | 30.0 | 28.8 | 27.7 | 26.7 | 25.9 | 25.1 |
| | F | 1.673 | 0.942 | 0.658 | 0.507 | 0.414 | 0.351 | 0.306 | 0.272 | 0.245 | 0.224 | 0.207 | 0.193 | 0.182 | 0.172 | 0.163 | 0.156 | 0.150 | 0.144 | 0.139 | 0.135 |
| | A | 2.9 | 5.1 | 7.3 | 9.5 | 11.7 | 13.9 | 16.0 | 18.0 | 20.0 | 22.0 | 23.9 | 25.7 | 27.5 | 29.3 | 31.0 | 32.6 | 34.2 | 35.7 | 37.1 | 38.5 |
| | K | ****** | 1.07 | 1.55 | 2.03 | 2.52 | 3.02 | 3.54 | 4.07 | 4.62 | 5.18 | 5.77 | 6.37 | 7.00 | 7.65 | 8.33 | 9.03 | 9.76 | 10.52 | 11.31 | 12.12 |
| 0.008 | %C | ********** | 93.4 | 81.8 | 71.9 | 63.8 | 57.4 | 52.3 | 48.1 | 44.6 | 41.7 | 39.2 | 37.1 | 35.3 | 33.8 | 32.4 | 31.2 | 30.1 | 29.2 | 28.4 | |
| | F | 1.854 | 1.058 | 0.743 | 0.574 | 0.469 | 0.399 | 0.347 | 0.309 | 0.279 | 0.256 | 0.236 | 0.220 | 0.207 | 0.196 | 0.186 | 0.178 | 0.171 | 0.164 | 0.159 | 0.154 |
| | A | 3.0 | 5.2 | 7.4 | 9.6 | 11.8 | 13.9 | 16.0 | 18.1 | 20.1 | 22.1 | 24.0 | 25.8 | 27.6 | 29.3 | 31.0 | 32.7 | 34.3 | 35.7 | 37.2 | 38.6 |
| | K | ********** | 1.37 | 1.79 | 2.22 | 2.66 | 3.12 | 3.58 | 4.06 | 4.56 | 5.07 | 5.60 | 6.15 | 6.72 | 7.31 | 7.93 | 8.57 | 9.23 | 9.92 | 10.63 | |
| 0.010 | %C | ********** | 99.1 | 91.3 | 82.2 | 74.2 | 67.5 | 61.9 | 57.3 | 53.4 | 50.1 | 47.3 | 44.9 | 42.8 | 41.0 | 39.4 | 38.0 | 36.8 | 35.7 | 34.7 | |
| | F | 2.186 | 1.279 | 0.907 | 0.705 | 0.578 | 0.492 | 0.430 | 0.383 | 0.347 | 0.317 | 0.294 | 0.274 | 0.258 | 0.244 | 0.232 | 0.222 | 0.213 | 0.205 | 0.198 | 0.192 |
| | A | 3.1 | 5.4 | 7.6 | 9.8 | 12.0 | 14.1 | 16.2 | 18.3 | 20.3 | 22.2 | 24.1 | 26.0 | 27.8 | 29.5 | 31.2 | 32.8 | 34.3 | 35.9 | 37.3 | 38.7 |
| | K | ********** | 1.12 | 1.46 | 1.81 | 2.16 | 2.52 | 2.89 | 3.28 | 3.68 | 4.09 | 4.51 | 4.96 | 5.41 | 5.88 | 6.38 | 6.90 | 7.43 | 7.98 | 8.55 | |

CARRIERS 24 PICKS 3 ENDS 7

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 94.2 | 76.8 | 63.3 | 53.7 | 46.7 | 41.3 | 37.2 | 33.9 | 31.2 | 29.0 | 27.2 | 25.6 | 24.3 | 23.2 | 22.2 | 21.3 | 20.6 | 19.9 | 19.3 | |
| | F | 1.634 | 0.759 | 0.518 | 0.394 | 0.320 | 0.270 | 0.235 | 0.207 | 0.187 | 0.171 | 0.157 | 0.147 | 0.138 | 0.130 | 0.123 | 0.118 | 0.113 | 0.109 | 0.105 | 0.102 |
| | A | 2.5 | 4.8 | 7.0 | 9.2 | 11.4 | 13.5 | 15.6 | 17.7 | 19.7 | 21.7 | 23.6 | 25.5 | 27.3 | 29.0 | 30.7 | 32.3 | 33.9 | 35.4 | 36.9 | 38.3 |
| | K****** | 1.33 | 1.96 | 2.60 | 3.26 | 3.92 | 4.61 | 5.31 | 6.04 | 6.79 | 7.56 | 8.37 | 9.20 | 10.06 | 10.96 | 11.89 | 12.86 | 13.86 | 14.90 | 15.98 | |
| 0.004 | %C****** | 100.0 | 89.9 | 77.1 | 66.7 | 58.7 | 52.4 | 47.5 | 43.5 | 40.2 | 37.5 | 35.2 | 33.2 | 31.6 | 30.1 | 28.9 | 27.8 | 26.8 | 26.0 | 25.2 | |
| | F | 1.846 | 0.994 | 0.682 | 0.521 | 0.423 | 0.357 | 0.310 | 0.275 | 0.248 | 0.227 | 0.209 | 0.195 | 0.183 | 0.173 | 0.164 | 0.157 | 0.150 | 0.145 | 0.140 | 0.135 |
| | A | 2.6 | 4.8 | 7.1 | 9.3 | 11.5 | 13.6 | 15.7 | 17.8 | 19.8 | 21.8 | 23.7 | 25.5 | 27.3 | 29.1 | 30.8 | 32.4 | 34.0 | 35.5 | 37.0 | 38.4 |
| | K****** | 1.01 | 1.49 | 1.97 | 2.46 | 2.96 | 3.48 | 4.01 | 4.55 | 5.11 | 5.70 | 6.30 | 6.93 | 7.57 | 8.25 | 8.95 | 9.67 | 10.43 | 11.21 | 12.02 | |
| 0.005 | %C********** | 97.5 | 87.4 | 77.4 | 69.1 | 62.3 | 56.8 | 52.3 | 48.5 | 45.4 | 42.7 | 40.4 | 38.5 | 36.8 | 35.3 | 34.0 | 32.9 | 31.8 | 30.9 | | |
| | F | 2.231 | 1.220 | 0.842 | 0.645 | 0.525 | 0.444 | 0.386 | 0.343 | 0.309 | 0.282 | 0.261 | 0.243 | 0.228 | 0.216 | 0.205 | 0.196 | 0.188 | 0.181 | 0.174 | 0.169 |
| | A | 2.7 | 4.9 | 7.2 | 9.4 | 11.5 | 13.7 | 15.8 | 17.8 | 19.9 | 21.8 | 23.7 | 25.6 | 27.4 | 29.1 | 30.8 | 32.5 | 34.0 | 35.6 | 37.0 | 38.4 |
| | K********** | 1.21 | 1.59 | 1.98 | 2.39 | 2.80 | 3.22 | 3.66 | 4.11 | 4.58 | 5.06 | 5.56 | 6.08 | 6.62 | 7.18 | 7.76 | 8.37 | 8.99 | 9.64 | | |
| 0.006 | %C********** | 100.0 | 94.6 | 85.9 | 77.9 | 70.9 | 65.1 | 60.2 | 56.1 | 52.7 | 49.7 | 47.2 | 45.0 | 43.1 | 41.4 | 39.9 | 38.6 | 37.4 | 36.4 | | |
| | F | 2.591 | 1.438 | 0.998 | 0.767 | 0.625 | 0.529 | 0.461 | 0.409 | 0.369 | 0.338 | 0.312 | 0.291 | 0.273 | 0.258 | 0.245 | 0.234 | 0.225 | 0.216 | 0.209 | 0.203 |
| | A | 2.8 | 5.0 | 7.3 | 9.5 | 11.6 | 13.8 | 15.9 | 17.9 | 19.9 | 21.9 | 23.8 | 25.7 | 27.5 | 29.2 | 30.9 | 32.5 | 34.1 | 35.6 | 37.1 | 38.5 |
| | K********** | 1.02 | 1.34 | 1.67 | 2.00 | 2.35 | 2.70 | 3.06 | 3.44 | 3.83 | 4.23 | 4.65 | 5.08 | 5.54 | 6.00 | 6.49 | 6.99 | 7.52 | 8.06 | | |
| 0.007 | %C********** | 98.7 | 92.4 | 85.1 | 78.4 | 72.5 | 67.4 | 63.1 | 59.4 | 56.2 | 53.5 | 51.1 | 49.0 | 47.1 | 45.5 | 44.1 | 42.8 | 41.6 | | | |
| | F | 2.928 | 1.648 | 1.151 | 0.887 | 0.724 | 0.614 | 0.535 | 0.475 | 0.429 | 0.393 | 0.363 | 0.338 | 0.318 | 0.301 | 0.286 | 0.273 | 0.262 | 0.252 | 0.244 | 0.236 |
| | A | 2.9 | 5.1 | 7.3 | 9.5 | 11.7 | 13.9 | 16.0 | 18.0 | 20.0 | 22.0 | 23.9 | 25.7 | 27.5 | 29.3 | 31.0 | 32.6 | 34.2 | 35.7 | 37.1 | 38.5 |
| | K********** | 1.16 | 1.44 | 1.73 | 2.02 | 2.33 | 2.64 | 2.96 | 3.30 | 3.64 | 4.00 | 4.37 | 4.76 | 5.16 | 5.58 | 6.01 | 6.46 | 6.93 | | | |
| 0.008 | %C********** | 96.8 | 90.8 | 84.6 | 78.9 | 73.9 | 69.5 | 65.6 | 62.3 | 59.4 | 56.8 | 54.6 | 52.6 | 50.8 | 49.3 | 47.9 | 46.6 | | | | |
| | F | 3.245 | 1.852 | 1.299 | 1.004 | 0.822 | 0.697 | 0.608 | 0.541 | 0.489 | 0.447 | 0.414 | 0.386 | 0.362 | 0.343 | 0.326 | 0.311 | 0.299 | 0.288 | 0.278 | 0.269 |
| | A | 3.0 | 5.2 | 7.4 | 9.6 | 11.8 | 13.9 | 16.0 | 18.1 | 20.1 | 22.1 | 24.0 | 25.8 | 27.6 | 29.4 | 31.0 | 32.7 | 34.2 | 35.7 | 37.2 | 38.6 |
| | K********** | 1.27 | 1.59 | 1.78 | 2.05 | 2.32 | 2.60 | 2.90 | 3.20 | 3.51 | 3.84 | 4.18 | 4.53 | 4.90 | 5.28 | 5.67 | 6.08 | | | | |
| 0.010 | %C********** | 98.1 | 93.9 | 89.1 | 84.5 | 80.2 | 76.4 | 72.9 | 69.9 | 67.1 | 64.7 | 62.5 | 60.6 | 58.9 | 57.3 | 55.9 | | | | | |
| | F | 3.825 | 2.238 | 1.587 | 1.233 | 1.012 | 0.862 | 0.753 | 0.670 | 0.606 | 0.555 | 0.514 | 0.480 | 0.451 | 0.427 | 0.406 | 0.388 | 0.372 | 0.359 | 0.347 | 0.336 |
| | A | 3.1 | 5.4 | 7.6 | 9.8 | 12.0 | 14.1 | 16.2 | 18.3 | 20.3 | 22.2 | 24.1 | 26.0 | 27.8 | 29.5 | 31.2 | 32.8 | 34.3 | 35.9 | 37.3 | 38.7 |
| | K********** | 1.23 | 1.44 | 1.65 | 1.87 | 2.10 | 2.34 | 2.58 | 2.83 | 3.09 | 3.37 | 3.65 | 3.94 | 4.25 | 4.56 | 4.89 | | | | | |

CARRIERS 24 PICKS 3 ENDS 10

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ********** | 93.2 | 80.9 | 70.5 | 62.2 | 55.7 | 50.5 | 46.3 | 42.8 | 39.9 | 37.5 | 35.4 | 33.7 | 32.1 | 30.8 | 29.7 | 28.6 | 27.7 | 26.9 |
| | F | 2.048 | 1.085 | 0.740 | 0.564 | 0.457 | 0.385 | 0.334 | 0.296 | 0.267 | 0.244 | 0.225 | 0.209 | 0.197 | 0.186 | 0.176 | 0.168 | 0.161 | 0.155 | 0.150 | 0.145 |
| | A | 2.5 | 4.8 | 7.0 | 9.2 | 11.4 | 13.5 | 15.6 | 17.7 | 19.7 | 21.7 | 23.6 | 25.5 | 27.3 | 29.0 | 30.7 | 32.3 | 33.9 | 35.4 | 36.9 | 38.3 |
| | K | ********** | 1.37 | 1.82 | 2.28 | 2.75 | 3.23 | 3.72 | 4.23 | 4.75 | 5.29 | 5.86 | 6.44 | 7.04 | 7.67 | 8.32 | 9.00 | 9.70 | 10.43 | 11.19 |
| 0.004 | %C | ********** | 95.9 | 93.5 | 84.3 | 76.0 | 69.0 | 63.2 | 58.3 | 54.3 | 50.9 | 47.9 | 45.4 | 43.3 | 41.4 | 39.8 | 38.3 | 37.1 | 35.9 | 34.9 |
| | F | 2.637 | 1.420 | 0.974 | 0.744 | 0.604 | 0.510 | 0.443 | 0.393 | 0.355 | 0.324 | 0.299 | 0.278 | 0.261 | 0.247 | 0.235 | 0.224 | 0.215 | 0.207 | 0.200 | 0.193 |
| | A | 2.6 | 4.8 | 7.1 | 9.3 | 11.5 | 13.6 | 15.7 | 17.8 | 19.8 | 21.8 | 23.7 | 25.5 | 27.3 | 29.1 | 30.8 | 32.4 | 34.0 | 35.5 | 37.0 | 38.4 |
| | K | ********** | 1.04 | 1.38 | 1.72 | 2.07 | 2.43 | 2.80 | 3.19 | 3.58 | 3.99 | 4.41 | 4.85 | 5.30 | 5.77 | 6.26 | 6.77 | 7.30 | 7.85 | 8.41 |
| 0.005 | %C | ********** | 96.4 | 93.7 | 86.6 | 79.9 | 73.9 | 68.8 | 64.4 | 60.6 | 57.4 | 54.6 | 52.1 | 50.0 | 48.1 | 46.4 | 44.9 | 43.6 | 42.4 | |
| | F | 3.187 | 1.743 | 1.203 | 0.922 | 0.750 | 0.634 | 0.551 | 0.489 | 0.441 | 0.403 | 0.373 | 0.347 | 0.326 | 0.308 | 0.293 | 0.279 | 0.268 | 0.258 | 0.249 | 0.241 |
| | A | 2.7 | 4.9 | 7.2 | 9.4 | 11.5 | 13.7 | 15.8 | 17.8 | 19.9 | 21.8 | 23.7 | 25.6 | 27.4 | 29.1 | 30.8 | 32.5 | 34.0 | 35.6 | 37.0 | 38.4 |
| | K | ********** | 1.11 | 1.39 | 1.67 | 1.96 | 2.26 | 2.56 | 2.88 | 3.20 | 3.54 | 3.89 | 4.26 | 4.63 | 5.03 | 5.43 | 5.86 | 6.30 | 6.75 | |
| 0.006 | %C | ********** | 98.9 | 94.1 | 88.3 | 82.7 | 77.7 | 73.2 | 69.3 | 65.8 | 62.8 | 60.2 | 57.8 | 55.7 | 53.9 | 52.3 | 50.8 | 49.5 | | |
| | F | 3.701 | 2.054 | 1.426 | 1.096 | 0.893 | 0.756 | 0.658 | 0.585 | 0.528 | 0.482 | 0.446 | 0.415 | 0.390 | 0.369 | 0.351 | 0.335 | 0.321 | 0.309 | 0.299 | 0.289 |
| | A | 2.8 | 5.0 | 7.3 | 9.5 | 11.6 | 13.8 | 15.9 | 17.9 | 19.9 | 21.9 | 23.8 | 25.7 | 27.5 | 29.2 | 30.9 | 32.5 | 34.1 | 35.6 | 37.1 | 38.5 |
| | K | ********** | 1.17 | 1.40 | 1.64 | 1.89 | 2.14 | 2.41 | 2.68 | 2.96 | 3.26 | 3.56 | 3.87 | 4.20 | 4.54 | 4.89 | 5.26 | 5.64 | | |
| 0.007 | %C | ********** | 98.5 | 94.4 | 89.7 | 85.0 | 80.7 | 76.8 | 73.3 | 70.2 | 67.4 | 65.0 | 62.8 | 60.8 | 59.1 | 57.5 | 56.1 | | | |
| | F | 4.183 | 2.355 | 1.644 | 1.267 | 1.034 | 0.877 | 0.764 | 0.679 | 0.613 | 0.561 | 0.519 | 0.483 | 0.454 | 0.429 | 0.408 | 0.390 | 0.374 | 0.360 | 0.348 | 0.337 |
| | A | 2.9 | 5.1 | 7.3 | 9.5 | 11.7 | 13.9 | 16.0 | 18.0 | 20.0 | 22.0 | 23.9 | 25.7 | 27.5 | 29.3 | 31.0 | 32.6 | 34.2 | 35.7 | 37.1 | 38.5 |
| | K | ********** | 1.21 | 1.42 | 1.63 | 1.85 | 2.07 | 2.31 | 2.55 | 2.80 | 3.06 | 3.33 | 3.61 | 3.91 | 4.21 | 4.52 | 4.85 | | | |
| 0.008 | %C | ********** | 100.0 | 98.3 | 94.8 | 90.9 | 87.0 | 83.3 | 79.8 | 76.7 | 74.0 | 71.4 | 69.2 | 67.1 | 65.3 | 63.6 | 62.2 | | | |
| | F | 4.636 | 2.645 | 1.856 | 1.435 | 1.174 | 0.996 | 0.869 | 0.773 | 0.698 | 0.639 | 0.591 | 0.551 | 0.518 | 0.490 | 0.466 | 0.445 | 0.427 | 0.411 | 0.397 | 0.385 |
| | A | 3.0 | 5.2 | 7.4 | 9.6 | 11.8 | 13.9 | 16.0 | 18.1 | 20.1 | 22.1 | 24.0 | 25.8 | 27.6 | 29.4 | 31.0 | 32.7 | 34.2 | 35.7 | 37.2 | 38.6 |
| | K | ********** | 1.07 | 1.25 | 1.43 | 1.62 | 1.82 | 2.03 | 2.24 | 2.46 | 2.69 | 2.93 | 3.17 | 3.43 | 3.69 | 3.97 | 4.25 | | | |
| 0.010 | %C | ********** | 99.8 | 98.2 | 95.7 | 92.9 | 90.1 | 87.3 | 84.7 | 82.3 | 80.1 | 78.1 | 76.2 | 74.5 | 72.9 | | | | | |
| | F | 5.465 | 3.197 | 2.267 | 1.762 | 1.446 | 1.231 | 1.075 | 0.958 | 0.866 | 0.793 | 0.734 | 0.685 | 0.644 | 0.609 | 0.580 | 0.554 | 0.532 | 0.512 | 0.495 | 0.480 |
| | A | 3.1 | 5.4 | 7.6 | 9.8 | 12.0 | 14.1 | 16.2 | 18.3 | 20.3 | 22.2 | 24.1 | 26.0 | 27.8 | 29.5 | 31.2 | 32.8 | 34.3 | 35.9 | 37.3 | 38.7 |
| | K | ********** | 1.16 | 1.31 | 1.47 | 1.63 | 1.81 | 1.98 | 2.17 | 2.36 | 2.55 | 2.76 | 2.97 | 3.19 | 3.42 | | | | | |

CARRIERS 24 PICKS 9 ENDS 4

STR.DIA. DIAMETER OVER DIELECTRIC

| STR.DIA. | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.003 | %C | 97.0 | 69.3 | 52.8 | 43.3 | 37.4 | 33.5 | 30.8 | 28.8 | 27.3 | 26.2 | 25.3 | 24.6 | 24.1 | 23.6 | 23.2 | 22.9 | 22.7 | 22.4 | 22.2 | 22.1 |
| | F | 0.824 | 0.446 | 0.313 | 0.247 | 0.209 | 0.185 | 0.168 | 0.156 | 0.148 | 0.141 | 0.136 | 0.132 | 0.129 | 0.126 | 0.124 | 0.122 | 0.121 | 0.119 | 0.118 | 0.117 |
| | A | 7.5 | 14.0 | 20.2 | 25.9 | 31.1 | 35.8 | 40.0 | 43.7 | 47.1 | 50.0 | 52.6 | 55.0 | 57.1 | 59.0 | 60.7 | 62.2 | 63.6 | 64.9 | 66.1 | 67.1 |
| | K | 1.23 | 2.38 | 3.63 | 5.00 | 6.52 | 8.23 | 10.14 | 12.26 | 14.60 | 17.18 | 19.99 | 23.05 | 26.35 | 29.89 | 33.69 | 37.74 | 42.04 | 46.59 | 51.40 | 56.46 |
| 0.004 | %C | ****** | 82.7 | 65.5 | 54.7 | 47.8 | 43.0 | 39.7 | 37.2 | 35.4 | 34.0 | 32.9 | 32.0 | 31.3 | 30.8 | 30.3 | 29.9 | 29.5 | 29.3 | 29.0 | 28.8 |
| | F | 1.064 | 0.584 | 0.413 | 0.327 | 0.277 | 0.245 | 0.223 | 0.208 | 0.196 | 0.188 | 0.181 | 0.176 | 0.171 | 0.168 | 0.165 | 0.163 | 0.161 | 0.159 | 0.157 | 0.156 |
| | A | 7.8 | 14.3 | 20.4 | 26.1 | 31.3 | 36.0 | 40.1 | 43.9 | 47.2 | 50.1 | 52.7 | 55.1 | 57.2 | 59.1 | 60.8 | 62.3 | 63.7 | 64.9 | 66.1 | 67.2 |
| | K | ****** | 1.82 | 2.76 | 3.79 | 4.94 | 6.23 | 7.66 | 9.26 | 11.03 | 12.96 | 15.08 | 17.38 | 19.86 | 22.53 | 25.39 | 28.43 | 31.66 | 35.09 | 38.70 | 42.50 |
| 0.005 | %C | ****** | 92.0 | 76.0 | 64.7 | 57.0 | 51.7 | 47.9 | 45.1 | 43.0 | 41.4 | 40.1 | 39.0 | 38.2 | 37.5 | 37.0 | 36.5 | 36.1 | 35.8 | 35.5 | 35.2 |
| | F | 1.286 | 0.717 | 0.510 | 0.406 | 0.345 | 0.305 | 0.278 | 0.259 | 0.245 | 0.234 | 0.226 | 0.219 | 0.214 | 0.210 | 0.206 | 0.203 | 0.201 | 0.199 | 0.197 | 0.195 |
| | A | 8.0 | 14.5 | 20.7 | 26.3 | 31.5 | 36.1 | 40.3 | 44.0 | 47.3 | 50.2 | 52.8 | 55.2 | 57.3 | 59.1 | 60.8 | 62.3 | 63.7 | 65.0 | 66.1 | 67.2 |
| | K | ****** | 1.49 | 2.24 | 3.07 | 3.99 | 5.03 | 6.18 | 7.46 | 8.88 | 10.44 | 12.14 | 13.98 | 15.97 | 18.11 | 20.40 | 22.85 | 25.44 | 28.18 | 31.08 | 34.13 |
| 0.006 | %C | ****** | 97.6 | 84.5 | 73.3 | 65.3 | 59.6 | 55.5 | 52.4 | 50.1 | 48.2 | 46.8 | 45.7 | 44.7 | 44.0 | 43.3 | 42.8 | 42.4 | 42.0 | 41.6 | 41.4 |
| | F | 1.494 | 0.847 | 0.605 | 0.483 | 0.411 | 0.365 | 0.333 | 0.310 | 0.293 | 0.281 | 0.271 | 0.263 | 0.257 | 0.251 | 0.247 | 0.244 | 0.241 | 0.238 | 0.236 | 0.234 |
| | A | 8.3 | 14.8 | 20.9 | 26.5 | 31.7 | 36.3 | 40.5 | 44.1 | 47.4 | 50.3 | 52.9 | 55.3 | 57.3 | 59.2 | 60.9 | 62.4 | 63.8 | 65.0 | 66.2 | 67.2 |
| | K | ****** | 1.26 | 1.89 | 2.59 | 3.36 | 4.22 | 5.19 | 6.26 | 7.45 | 8.75 | 10.17 | 11.71 | 13.38 | 15.17 | 17.08 | 19.12 | 21.29 | 23.58 | 26.00 | 28.54 |
| 0.007 | %C | ****** | 99.9 | 90.9 | 80.6 | 72.7 | 66.8 | 62.4 | 59.2 | 56.6 | 54.7 | 53.1 | 51.9 | 50.9 | 50.0 | 49.3 | 48.8 | 48.3 | 47.8 | 47.5 | 47.2 |
| | F | 1.690 | 0.971 | 0.699 | 0.560 | 0.477 | 0.424 | 0.387 | 0.361 | 0.342 | 0.327 | 0.315 | 0.306 | 0.299 | 0.293 | 0.288 | 0.284 | 0.281 | 0.278 | 0.275 | 0.273 |
| | A | 8.6 | 15.0 | 21.1 | 26.8 | 31.9 | 36.5 | 40.6 | 44.3 | 47.6 | 50.5 | 53.0 | 55.3 | 57.4 | 59.3 | 60.9 | 62.5 | 63.8 | 65.1 | 66.2 | 67.3 |
| | K | ****** | 1.10 | 1.64 | 2.24 | 2.91 | 3.65 | 4.48 | 5.41 | 6.43 | 7.55 | 8.77 | 10.10 | 11.53 | 13.07 | 14.71 | 16.46 | 18.32 | 20.29 | 22.37 | 24.56 |
| 0.008 | %C | ********** | 95.6 | 86.7 | 79.1 | 73.2 | 68.8 | 65.4 | 62.7 | 60.7 | 59.0 | 57.7 | 56.6 | 55.8 | 55.0 | 54.4 | 53.9 | 53.4 | 53.0 | 52.7 | |
| | F | 1.874 | 1.092 | 0.791 | 0.635 | 0.542 | 0.482 | 0.441 | 0.411 | 0.390 | 0.373 | 0.360 | 0.350 | 0.342 | 0.335 | 0.329 | 0.325 | 0.321 | 0.317 | 0.315 | 0.312 |
| | A | 8.8 | 15.3 | 21.4 | 27.0 | 32.1 | 36.7 | 40.8 | 44.4 | 47.7 | 50.6 | 53.1 | 55.4 | 57.5 | 59.3 | 61.0 | 62.5 | 63.9 | 65.1 | 66.3 | 67.3 |
| | K | ********** | 1.46 | 1.98 | 2.57 | 3.22 | 3.95 | 4.77 | 5.66 | 6.65 | 7.72 | 8.88 | 10.14 | 11.49 | 12.93 | 14.47 | 16.10 | 17.83 | 19.65 | 21.56 | |
| 0.010 | %C | ********** | 99.9 | 95.3 | 89.2 | 83.8 | 79.6 | 76.2 | 73.5 | 71.3 | 69.6 | 68.2 | 67.1 | 66.1 | 65.3 | 64.6 | 64.1 | 63.6 | 63.1 | 62.8 | |
| | F | 2.212 | 1.323 | 0.968 | 0.782 | 0.671 | 0.598 | 0.548 | 0.512 | 0.485 | 0.465 | 0.449 | 0.436 | 0.426 | 0.418 | 0.411 | 0.405 | 0.401 | 0.396 | 0.393 | 0.390 |
| | A | 9.4 | 15.8 | 21.8 | 27.4 | 32.5 | 37.0 | 41.1 | 44.7 | 47.9 | 50.8 | 53.3 | 55.6 | 57.6 | 59.5 | 61.1 | 62.6 | 64.0 | 65.2 | 66.4 | 67.4 |
| | K | ********** | 1.20 | 1.62 | 2.09 | 2.62 | 3.21 | 3.87 | 4.59 | 5.38 | 6.25 | 7.18 | 8.19 | 9.28 | 10.44 | 11.68 | 12.99 | 14.37 | 15.84 | 17.38 | |

| | CARRIERS | PICKS | ENDS |
|---|---|---|---|
| | 24 | 9 | 7 |

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 95.2 | 79.6 | 67.8 | 59.2 | 54.2 | 50.2 | 47.2 | 45.0 | 43.3 | 41.9 | 40.8 | 40.0 | 39.2 | 38.7 | 38.2 | 37.7 | 37.4 | 37.1 | 36.8 |
| | F 1.445 | 0.780 | 0.548 | 0.433 | 0.366 | 0.323 | 0.294 | 0.273 | 0.258 | 0.247 | 0.238 | 0.231 | 0.225 | 0.221 | 0.217 | 0.214 | 0.211 | 0.209 | 0.207 | 0.205 |
| | A 7.5 | 14.0 | 20.2 | 25.9 | 31.1 | 35.8 | 40.0 | 43.7 | 47.1 | 50.0 | 52.6 | 55.0 | 57.1 | 59.0 | 60.7 | 62.2 | 63.6 | 64.9 | 66.1 | 67.1 |
| | K****** | 1.36 | 2.07 | 2.85 | 3.73 | 4.70 | 5.79 | 7.00 | 8.34 | 9.82 | 11.42 | 13.17 | 15.06 | 17.08 | 19.25 | 21.57 | 24.02 | 26.63 | 29.37 | 32.26 |
| 0.004 | %C********** | 92.3 | 81.7 | 73.3 | 67.4 | 62.9 | 59.5 | 56.9 | 54.9 | 53.3 | 52.0 | 51.0 | 50.1 | 49.4 | 48.8 | 48.3 | 47.9 | 47.5 | 47.2 | |
| | F 1.861 | 1.022 | 0.722 | 0.573 | 0.485 | 0.429 | 0.391 | 0.364 | 0.344 | 0.328 | 0.317 | 0.307 | 0.300 | 0.294 | 0.289 | 0.285 | 0.281 | 0.278 | 0.276 | 0.273 |
| | A 7.8 | 14.3 | 20.4 | 26.1 | 31.3 | 36.0 | 40.1 | 43.9 | 47.2 | 50.1 | 52.7 | 55.1 | 57.2 | 59.1 | 60.8 | 62.3 | 63.7 | 64.9 | 66.1 | 67.2 |
| | K********** | 1.58 | 2.17 | 2.82 | 3.56 | 4.38 | 5.29 | 6.30 | 7.41 | 8.62 | 9.93 | 11.35 | 12.88 | 14.51 | 16.25 | 18.09 | 20.05 | 22.11 | 24.29 | |
| 0.005 | %C********** | 98.9 | 91.6 | 84.2 | 78.3 | 73.7 | 70.1 | 67.3 | 65.2 | 63.4 | 62.0 | 60.9 | 59.9 | 59.1 | 58.5 | 57.9 | 57.4 | 57.0 | 56.7 | |
| | F 2.250 | 1.256 | 0.893 | 0.710 | 0.603 | 0.534 | 0.487 | 0.453 | 0.429 | 0.410 | 0.395 | 0.384 | 0.375 | 0.367 | 0.361 | 0.356 | 0.351 | 0.348 | 0.344 | 0.342 |
| | A 8.0 | 14.5 | 20.7 | 26.3 | 31.5 | 36.1 | 40.3 | 44.0 | 47.3 | 50.2 | 52.8 | 55.2 | 57.3 | 59.1 | 60.8 | 62.3 | 63.7 | 65.0 | 66.1 | 67.2 |
| | K********** | 1.28 | 1.75 | 2.28 | 2.87 | 3.53 | 4.26 | 5.07 | 5.96 | 6.93 | 7.99 | 9.13 | 10.35 | 11.66 | 13.05 | 14.54 | 16.10 | 17.76 | 19.50 | |
| 0.006 | %C********** | 97.6 | 92.1 | 86.9 | 82.6 | 79.1 | 76.3 | 74.1 | 72.3 | 70.8 | 69.6 | 68.6 | 67.8 | 67.1 | 66.5 | 66.0 | 65.6 | 65.2 | | |
| | F 2.615 | 1.481 | 1.060 | 0.846 | 0.720 | 0.638 | 0.582 | 0.543 | 0.513 | 0.491 | 0.474 | 0.460 | 0.449 | 0.440 | 0.433 | 0.427 | 0.421 | 0.417 | 0.413 | 0.410 |
| | A 8.3 | 14.8 | 20.9 | 26.5 | 31.7 | 36.3 | 40.5 | 44.1 | 47.4 | 50.3 | 52.9 | 55.3 | 57.3 | 59.2 | 60.9 | 62.4 | 63.8 | 65.0 | 66.2 | 67.2 |
| | K********** | 1.48 | 1.92 | 2.41 | 2.97 | 3.58 | 4.26 | 5.00 | 5.81 | 6.69 | 7.65 | 8.67 | 9.76 | 10.93 | 12.16 | 13.47 | 14.86 | 16.31 | | |
| 0.007 | %C********** | 100.0 | 97.3 | 93.3 | 89.6 | 86.4 | 83.8 | 81.7 | 79.9 | 78.5 | 77.3 | 76.3 | 75.4 | 74.7 | 74.1 | 73.6 | 73.2 | 72.8 | | |
| | F 2.958 | 1.700 | 1.223 | 0.980 | 0.835 | 0.741 | 0.677 | 0.632 | 0.598 | 0.572 | 0.552 | 0.536 | 0.523 | 0.513 | 0.504 | 0.497 | 0.491 | 0.486 | 0.482 | 0.478 |
| | A 8.6 | 15.0 | 21.1 | 26.8 | 31.9 | 36.5 | 40.6 | 44.3 | 47.6 | 50.5 | 53.0 | 55.3 | 57.4 | 59.3 | 60.9 | 62.5 | 63.8 | 65.1 | 66.2 | 67.3 |
| | K********** | 1.28 | 1.66 | 2.09 | 2.56 | 3.09 | 3.67 | 4.31 | 5.01 | 5.77 | 6.59 | 7.47 | 8.41 | 9.41 | 10.47 | 11.60 | 12.78 | 14.03 | | |
| 0.008 | %C********** | 99.7 | 97.8 | 94.8 | 92.2 | 89.9 | 87.9 | 86.3 | 84.9 | 83.8 | 82.9 | 82.0 | 81.3 | 80.8 | 80.2 | 79.8 | 79.4 | | | |
| | F 3.280 | 1.912 | 1.384 | 1.111 | 0.949 | 0.844 | 0.772 | 0.720 | 0.682 | 0.653 | 0.630 | 0.612 | 0.598 | 0.586 | 0.576 | 0.568 | 0.561 | 0.555 | 0.550 | 0.546 |
| | A 8.8 | 15.3 | 21.4 | 27.0 | 32.1 | 36.7 | 40.8 | 44.4 | 47.7 | 50.6 | 53.1 | 55.4 | 57.5 | 59.3 | 61.0 | 62.5 | 63.9 | 65.1 | 66.3 | 67.3 |
| | K********** | 1.47 | 1.84 | 2.26 | 2.72 | 3.24 | 3.80 | 4.41 | 5.08 | 5.79 | 6.56 | 7.39 | 8.27 | 9.20 | 10.19 | 11.23 | 12.32 | | | |
| 0.010 | %C********** | 99.8 | 98.9 | 97.7 | 96.5 | 95.4 | 94.4 | 93.5 | 92.8 | 92.1 | 91.6 | 91.1 | 90.6 | 90.2 | 89.9 | | | | | |
| | F 3.871 | 2.316 | 1.694 | 1.369 | 1.174 | 1.046 | 0.959 | 0.896 | 0.849 | 0.813 | 0.785 | 0.763 | 0.746 | 0.731 | 0.719 | 0.709 | 0.701 | 0.694 | 0.688 | 0.682 |
| | A 9.4 | 15.8 | 21.8 | 27.4 | 32.5 | 37.0 | 41.1 | 44.7 | 47.9 | 50.8 | 53.3 | 55.6 | 57.6 | 59.5 | 61.1 | 62.6 | 64.0 | 65.2 | 66.4 | 67.4 |
| | K********** | | | | | | | 1.84 | 2.21 | 2.62 | 3.08 | 3.57 | 4.11 | 4.68 | 5.30 | 5.97 | 6.67 | 7.42 | 8.21 | 9.05 | 9.93 |

CARRIERS 24 PICKS 9 ENDS 10

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ********** | 95.3 | 85.4 | 77.2 | 71.0 | 66.4 | 62.9 | 60.2 | 58.1 | 56.4 | 55.1 | 54.0 | 53.1 | 52.3 | 51.7 | 51.2 | 50.7 | 50.4 | 50.0 |
| | F | 2.068 | 1.114 | 0.783 | 0.618 | 0.523 | 0.462 | 0.420 | 0.391 | 0.369 | 0.352 | 0.340 | 0.330 | 0.322 | 0.315 | 0.310 | 0.305 | 0.301 | 0.298 | 0.295 | 0.293 |
| | A | 7.5 | 14.0 | 20.2 | 25.9 | 31.1 | 35.8 | 40.0 | 43.7 | 47.1 | 50.0 | 52.6 | 55.0 | 57.1 | 59.0 | 60.7 | 62.2 | 63.6 | 64.9 | 66.1 | 67.1 |
| | K | ********** | 1.45 | 2.00 | 2.61 | 3.29 | 4.05 | 4.90 | 5.84 | 6.87 | 8.00 | 9.22 | 10.54 | 11.96 | 13.48 | 15.10 | 16.82 | 18.64 | 20.56 | 22.59 | |
| 0.004 | %C | ********** | 96.7 | 90.6 | 85.0 | 80.5 | 76.9 | 74.1 | 71.8 | 70.0 | 68.5 | 67.3 | 66.3 | 65.5 | 64.8 | 64.2 | 63.7 | 63.2 | 62.9 | | |
| | F | 2.659 | 1.460 | 1.032 | 0.818 | 0.693 | 0.613 | 0.558 | 0.519 | 0.491 | 0.469 | 0.452 | 0.439 | 0.428 | 0.420 | 0.413 | 0.407 | 0.402 | 0.397 | 0.394 | 0.391 |
| | A | 7.8 | 14.3 | 20.4 | 26.1 | 31.3 | 36.0 | 40.1 | 43.9 | 47.2 | 50.1 | 52.7 | 55.1 | 57.2 | 59.1 | 60.8 | 62.3 | 63.7 | 64.9 | 66.1 | 67.2 |
| | K | ********** | 1.52 | 1.98 | 2.49 | 3.07 | 3.70 | 4.41 | 5.19 | 6.03 | 6.95 | 7.95 | 9.01 | 10.15 | 11.37 | 12.67 | 14.03 | 15.48 | 17.00 | | |
| 0.005 | %C | ********** | 98.1 | 94.8 | 90.7 | 87.6 | 85.0 | 82.8 | 81.0 | 79.6 | 78.4 | 77.4 | 76.5 | 75.8 | 75.2 | 74.7 | 74.2 | 73.8 | | | |
| | F | 3.215 | 1.794 | 1.276 | 1.015 | 0.861 | 0.763 | 0.696 | 0.648 | 0.612 | 0.585 | 0.565 | 0.548 | 0.535 | 0.524 | 0.515 | 0.508 | 0.502 | 0.497 | 0.492 | 0.488 |
| | A | 8.0 | 14.5 | 20.7 | 26.3 | 31.5 | 36.1 | 40.3 | 44.0 | 47.3 | 50.2 | 52.8 | 55.2 | 57.3 | 59.1 | 60.8 | 62.3 | 63.7 | 65.0 | 66.1 | 67.2 |
| | K | ********** | 1.60 | 2.01 | 2.47 | 2.98 | 3.55 | 4.17 | 4.85 | 5.59 | 6.39 | 7.25 | 8.16 | 9.14 | 10.18 | 11.27 | 12.43 | 13.65 | | | |
| 0.006 | %C | ********** | 99.2 | 97.2 | 94.9 | 92.9 | 91.1 | 89.5 | 88.2 | 87.1 | 86.2 | 85.4 | 84.7 | 84.2 | 83.6 | 83.2 | 82.8 | | | | |
| | F | 3.736 | 2.116 | 1.514 | 1.208 | 1.028 | 0.912 | 0.832 | 0.775 | 0.733 | 0.701 | 0.677 | 0.657 | 0.641 | 0.629 | 0.618 | 0.609 | 0.602 | 0.596 | 0.590 | 0.586 |
| | A | 8.3 | 14.8 | 20.9 | 26.5 | 31.7 | 36.3 | 40.5 | 44.1 | 47.4 | 50.3 | 52.9 | 55.3 | 57.3 | 59.2 | 60.9 | 62.4 | 63.8 | 65.0 | 66.2 | 67.2 |
| | K | ********** | 1.69 | 2.08 | 2.51 | 2.98 | 3.50 | 4.07 | 4.69 | 5.35 | 6.07 | 6.83 | 7.65 | 8.51 | 9.43 | 10.40 | 11.42 | | | | |
| 0.007 | %C | ********** | 99.9 | 99.0 | 97.9 | 96.7 | 95.5 | 94.5 | 93.6 | 92.9 | 92.2 | 91.6 | 91.1 | 90.7 | 90.3 | 89.9 | | | | | |
| | F | 4.225 | 2.429 | 1.748 | 1.399 | 1.193 | 1.059 | 0.968 | 0.902 | 0.854 | 0.817 | 0.788 | 0.766 | 0.748 | 0.733 | 0.721 | 0.710 | 0.702 | 0.695 | 0.688 | 0.683 |
| | A | 8.6 | 15.0 | 21.1 | 26.8 | 31.9 | 36.5 | 40.6 | 44.3 | 47.6 | 50.5 | 53.0 | 55.3 | 57.4 | 59.3 | 60.9 | 62.5 | 63.9 | 65.1 | 66.2 | 67.3 |
| | K | ********** | 1.79 | 2.16 | 2.57 | 3.02 | 3.51 | 4.04 | 4.61 | 5.23 | 5.88 | 6.58 | 7.33 | 8.12 | 8.95 | 9.82 | | | | | |
| 0.008 | %C | ********** | 99.9 | 99.5 | 99.0 | 98.4 | 97.9 | 97.3 | 96.9 | 96.4 | 96.1 | 95.7 | 95.4 | 95.2 | | | | | | | |
| | F | 4.684 | 2.731 | 1.977 | 1.587 | 1.356 | 1.206 | 1.102 | 1.029 | 0.974 | 0.932 | 0.900 | 0.874 | 0.854 | 0.837 | 0.823 | 0.812 | 0.802 | 0.794 | 0.786 | 0.780 |
| | A | 8.8 | 15.3 | 21.4 | 27.0 | 32.1 | 36.7 | 40.8 | 44.4 | 47.7 | 50.6 | 53.1 | 55.4 | 57.5 | 59.3 | 61.0 | 62.5 | 63.9 | 65.1 | 66.3 | 67.3 |
| | K | ********** | 2.26 | 2.66 | 3.09 | 3.55 | 4.06 | 4.60 | 5.17 | 5.79 | 6.44 | 7.13 | 7.86 | 8.63 | | | | | | | |
| 0.010 | %C | ********** | 100.0 | 100.0 | 99.9 | | | | | | | | | | | | | | | | |
| | F | 5.530 | 3.308 | 2.420 | 1.956 | 1.677 | 1.495 | 1.370 | 1.279 | 1.213 | 1.162 | 1.122 | 1.091 | 1.065 | 1.045 | 1.028 | 1.013 | 1.001 | 0.991 | 0.982 | 0.975 |
| | A | 9.4 | 15.8 | 21.8 | 27.4 | 32.5 | 37.0 | 41.1 | 44.7 | 47.9 | 50.8 | 53.3 | 55.6 | 57.6 | 59.5 | 61.1 | 62.6 | 64.0 | 65.2 | 66.4 | 67.4 |
| | K | ********** | 5.75 | 6.34 | 6.95 | | | | | | | | | | | | | | | | |

CARRIERS 24 PICKS 15 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | 97.4 | 71.7 | 57.0 | 48.0 | 44.3 | 41.4 | 39.4 | 38.0 | 37.0 | 36.2 | 35.7 | 35.2 | 34.9 | 34.6 | 34.4 | 34.2 | 34.0 | 33.9 | 33.8 | 33.7 |
| | F | 0.838 | 0.468 | 0.345 | 0.286 | 0.254 | 0.234 | 0.221 | 0.212 | 0.206 | 0.202 | 0.198 | 0.195 | 0.193 | 0.191 | 0.190 | 0.189 | 0.188 | 0.187 | 0.186 | 0.186 |
| | A | 12.4 | 22.6 | 31.5 | 39.0 | 45.2 | 50.2 | 54.4 | 57.9 | 60.8 | 63.3 | 65.4 | 67.2 | 68.8 | 70.2 | 71.4 | 72.5 | 73.4 | 74.3 | 75.1 | 75.8 |
| | K | 1.25 | 2.50 | 3.99 | 5.78 | 7.92 | 10.44 | 13.35 | 16.67 | 20.40 | 24.56 | 29.13 | 34.13 | 39.55 | 45.40 | 51.67 | 58.37 | 65.50 | 73.05 | 81.03 | 89.44 |
| 0.004 | %C | ****** | 85.2 | 70.3 | 61.5 | 56.1 | 52.6 | 50.2 | 48.6 | 47.4 | 46.5 | 45.8 | 45.3 | 44.8 | 44.5 | 44.2 | 44.0 | 43.8 | 43.6 | 43.5 | 43.4 |
| | F | 1.081 | 0.615 | 0.455 | 0.379 | 0.337 | 0.311 | 0.295 | 0.283 | 0.275 | 0.268 | 0.264 | 0.260 | 0.257 | 0.255 | 0.253 | 0.252 | 0.250 | 0.249 | 0.248 | 0.248 |
| | A | 12.8 | 23.0 | 31.8 | 39.2 | 45.4 | 50.4 | 54.6 | 58.0 | 60.9 | 63.4 | 65.5 | 67.3 | 68.8 | 70.2 | 71.4 | 72.5 | 73.5 | 74.3 | 75.1 | 75.8 |
| | K | ****** | 1.92 | 3.04 | 4.39 | 6.01 | 7.91 | 10.11 | 12.61 | 15.42 | 18.55 | 21.99 | 25.75 | 29.83 | 34.23 | 38.95 | 43.98 | 49.34 | 55.02 | 61.02 | 67.34 |
| 0.005 | %C | ****** | 94.1 | 81.0 | 72.1 | 66.4 | 62.6 | 60.0 | 58.2 | 56.8 | 55.8 | 55.1 | 54.4 | 54.0 | 53.6 | 53.3 | 53.0 | 52.8 | 52.6 | 52.4 | 52.3 |
| | F | 1.308 | 0.757 | 0.564 | 0.472 | 0.420 | 0.388 | 0.367 | 0.353 | 0.343 | 0.335 | 0.330 | 0.325 | 0.322 | 0.319 | 0.316 | 0.314 | 0.313 | 0.312 | 0.310 | 0.309 |
| | A | 13.3 | 23.4 | 32.1 | 39.5 | 45.6 | 50.6 | 54.7 | 58.2 | 61.0 | 63.5 | 65.5 | 67.3 | 68.9 | 70.3 | 71.5 | 72.5 | 73.5 | 74.4 | 75.1 | 75.8 |
| | K | ****** | 1.57 | 2.47 | 3.56 | 4.86 | 6.39 | 8.16 | 10.17 | 12.43 | 14.94 | 17.71 | 20.73 | 24.00 | 27.53 | 31.31 | 35.35 | 39.65 | 44.20 | 49.01 | 54.08 |
| 0.006 | %C | ****** | 98.9 | 89.2 | 80.9 | 75.2 | 71.3 | 68.7 | 66.7 | 65.3 | 64.2 | 63.4 | 62.8 | 62.3 | 61.8 | 61.5 | 61.2 | 61.0 | 60.8 | 60.6 | 60.5 |
| | F | 1.527 | 0.894 | 0.671 | 0.563 | 0.502 | 0.465 | 0.440 | 0.423 | 0.411 | 0.402 | 0.395 | 0.390 | 0.386 | 0.382 | 0.380 | 0.377 | 0.375 | 0.374 | 0.372 | 0.371 |
| | A | 13.7 | 23.7 | 32.5 | 39.8 | 45.8 | 50.8 | 54.9 | 58.3 | 61.1 | 63.6 | 65.6 | 67.4 | 69.0 | 70.3 | 71.5 | 72.6 | 73.5 | 74.4 | 75.2 | 75.9 |
| | K | ****** | 1.33 | 2.09 | 3.01 | 4.10 | 5.38 | 6.86 | 8.55 | 10.44 | 12.54 | 14.85 | 17.38 | 20.11 | 23.06 | 26.23 | 29.60 | 33.19 | 36.99 | 41.01 | 45.24 |
| 0.007 | %C | ********** | 95.0 | 87.9 | 82.7 | 78.9 | 76.2 | 74.3 | 72.9 | 71.8 | 70.9 | 70.3 | 69.7 | 69.3 | 68.9 | 68.6 | 68.4 | 68.2 | 68.0 | 67.9 | |
| | F | 1.723 | 1.028 | 0.776 | 0.653 | 0.584 | 0.541 | 0.513 | 0.493 | 0.479 | 0.469 | 0.461 | 0.455 | 0.450 | 0.446 | 0.443 | 0.440 | 0.438 | 0.436 | 0.434 | 0.433 |
| | A | 14.1 | 24.1 | 32.8 | 40.0 | 46.0 | 51.0 | 55.0 | 58.4 | 61.2 | 63.6 | 65.7 | 67.5 | 69.0 | 70.4 | 71.6 | 72.6 | 73.6 | 74.4 | 75.2 | 75.9 |
| | K | ********** | | 1.82 | 2.61 | 3.56 | 4.66 | 5.94 | 7.39 | 9.02 | 10.83 | 12.81 | 14.99 | 17.34 | 19.87 | 22.59 | 25.49 | 28.57 | 31.84 | 35.29 | 38.92 |
| 0.008 | %C | ********** | 98.5 | 93.3 | 88.7 | 85.3 | 82.8 | 80.9 | 79.5 | 78.4 | 77.6 | 76.9 | 76.4 | 75.9 | 75.6 | 75.3 | 75.0 | 74.8 | 74.6 | 74.5 | |
| | F | 1.913 | 1.158 | 0.879 | 0.742 | 0.664 | 0.616 | 0.585 | 0.563 | 0.547 | 0.535 | 0.526 | 0.519 | 0.514 | 0.509 | 0.506 | 0.503 | 0.500 | 0.498 | 0.496 | 0.495 |
| | A | 14.5 | 24.5 | 33.1 | 40.3 | 46.2 | 51.1 | 55.2 | 58.5 | 61.3 | 63.7 | 65.8 | 67.5 | 69.1 | 70.4 | 71.6 | 72.7 | 73.6 | 74.5 | 75.2 | 75.9 |
| | K | ********** | | 1.62 | 2.37 | 3.15 | 4.12 | 5.24 | 6.52 | 7.95 | 9.54 | 11.29 | 13.19 | 15.26 | 17.48 | 19.87 | 22.41 | 25.11 | 27.98 | 31.00 | 34.19 |
| 0.010 | %C | ********** | 99.3 | 96.9 | 94.6 | 92.6 | 91.1 | 89.9 | 89.0 | 88.2 | 87.7 | 87.2 | 86.8 | 86.5 | 86.2 | 86.0 | 85.8 | 85.6 | 85.4 | | |
| | F | 2.264 | 1.408 | 1.081 | 0.918 | 0.825 | 0.767 | 0.728 | 0.702 | 0.682 | 0.668 | 0.657 | 0.649 | 0.642 | 0.636 | 0.632 | 0.628 | 0.625 | 0.623 | 0.620 | 0.618 |
| | A | 15.4 | 25.2 | 33.7 | 40.8 | 46.7 | 51.5 | 55.5 | 58.8 | 61.6 | 63.9 | 65.9 | 67.7 | 69.2 | 70.5 | 71.7 | 72.7 | 73.7 | 74.5 | 75.3 | 76.0 |
| | K | ********** | | 1.90 | 2.58 | 3.36 | 4.27 | 5.30 | 6.46 | 7.74 | 9.15 | 10.68 | 12.34 | 14.13 | 16.05 | 18.10 | 20.27 | 22.57 | 25.00 | 27.56 | |

CARRIERS 24 PICKS 15 ENDS 7

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ****** | 96.7 | 84.2 | 75.1 | 69.1 | 65.2 | 62.5 | 60.5 | 59.1 | 58.1 | 57.3 | 56.7 | 56.2 | 55.8 | 55.4 | 55.2 | 54.9 | 54.7 | 54.6 | 54.4 |
| | F | 1.467 | 0.820 | 0.603 | 0.501 | 0.444 | 0.410 | 0.387 | 0.372 | 0.361 | 0.353 | 0.346 | 0.342 | 0.338 | 0.335 | 0.332 | 0.330 | 0.329 | 0.327 | 0.326 | 0.325 |
| | A | 12.4 | 22.6 | 31.5 | 39.0 | 45.2 | 50.2 | 54.4 | 57.9 | 60.8 | 63.3 | 65.4 | 67.2 | 68.8 | 70.2 | 71.4 | 72.5 | 73.4 | 74.3 | 75.1 | 75.8 |
| | K | ****** | 1.43 | 2.28 | 3.30 | 4.53 | 5.96 | 7.63 | 9.53 | 11.66 | 14.03 | 16.65 | 19.50 | 22.60 | 25.94 | 29.52 | 33.35 | 37.43 | 41.74 | 46.30 | 51.11 |
| 0.004 | %C | ********** | 95.9 | 88.7 | 83.2 | 79.3 | 76.5 | 74.5 | 73.0 | 71.9 | 71.0 | 70.3 | 69.8 | 69.3 | 69.0 | 68.7 | 68.4 | 68.2 | 68.0 | 67.9 | |
| | F | 1.891 | 1.076 | 0.797 | 0.664 | 0.590 | 0.545 | 0.515 | 0.495 | 0.481 | 0.470 | 0.462 | 0.455 | 0.450 | 0.446 | 0.443 | 0.440 | 0.438 | 0.436 | 0.435 | 0.433 |
| | A | 12.8 | 23.0 | 31.8 | 39.2 | 45.4 | 50.4 | 54.6 | 58.0 | 60.9 | 63.4 | 65.5 | 67.3 | 68.8 | 70.2 | 71.4 | 72.5 | 73.5 | 74.3 | 75.1 | 75.8 |
| | K | ********** | 1.74 | 2.51 | 3.43 | 4.52 | 5.77 | 7.20 | 8.81 | 10.60 | 12.57 | 14.72 | 17.05 | 19.56 | 22.26 | 25.13 | 28.20 | 31.44 | 34.87 | 38.48 | |
| 0.005 | %C | ********** | 100.0 | 96.9 | 93.0 | 89.7 | 87.3 | 85.4 | 84.0 | 82.9 | 82.1 | 81.4 | 80.9 | 80.4 | 80.1 | 79.8 | 79.5 | 79.3 | 79.1 | 79.0 | |
| | F | 2.289 | 1.324 | 0.987 | 0.825 | 0.735 | 0.679 | 0.643 | 0.618 | 0.600 | 0.587 | 0.577 | 0.569 | 0.563 | 0.558 | 0.554 | 0.550 | 0.548 | 0.545 | 0.543 | 0.541 |
| | A | 13.3 | 23.4 | 32.1 | 39.5 | 45.6 | 50.6 | 54.7 | 58.2 | 61.0 | 63.5 | 65.5 | 67.3 | 68.9 | 70.3 | 71.5 | 72.5 | 73.5 | 74.4 | 75.1 | 75.8 |
| | K | ********** | 1.81 | 2.04 | 2.78 | 3.65 | [illegible]66 | 5.81 | 7.10 | 8.54 | 10.12 | 11.84 | 13.71 | 15.73 | 17.89 | 20.20 | 22.66 | 25.26 | 28.01 | 30.90 | |
| 0.006 | %C | ********** | 100.0 | 98.5 | 96.5 | 94.7 | 93.3 | 92.1 | 91.2 | 90.5 | 89.9 | 89.4 | 89.0 | 88.7 | 88.5 | 88.2 | 88.0 | 87.9 | 87.7 | | |
| | F | 2.663 | 1.565 | 1.174 | 0.985 | 0.870 | 0.813 | 0.770 | 0.741 | 0.719 | 0.704 | 0.692 | 0.682 | 0.675 | 0.669 | 0.664 | 0.660 | 0.657 | 0.654 | 0.652 | 0.650 |
| | A | 13.7 | 23.7 | 32.5 | 39.8 | 45.8 | 50.8 | 54.9 | 58.3 | 61.1 | 63.6 | 65.6 | 67.4 | 69.0 | 70.3 | 71.5 | 72.6 | 73.5 | 74.4 | 75.2 | 75.9 |
| | K | ********** | 1.72 | 2.34 | 3.08 | 3.92 | 4.88 | 5.97 | 7.17 | 8.49 | 9.93 | 11.49 | 13.18 | 14.99 | 16.91 | 18.97 | 21.14 | 23.43 | 25.85 | | |
| 0.007 | %C | ********** | 99.7 | 98.9 | 98.1 | 97.4 | 96.8 | 96.3 | 95.8 | 95.5 | 95.2 | 94.9 | 94.7 | 94.5 | 94.4 | 94.3 | 94.1 | | | | |
| | F | 3.015 | 1.799 | 1.357 | 1.142 | 1.021 | 0.946 | 0.897 | 0.863 | 0.838 | 0.820 | 0.806 | 0.796 | 0.787 | 0.780 | 0.775 | 0.770 | 0.766 | 0.763 | 0.760 | 0.758 |
| | A | 14.1 | 24.1 | 32.8 | 40.0 | 46.0 | 51.0 | 55.0 | 58.4 | 61.2 | 63.6 | 65.7 | 67.5 | 69.0 | 70.4 | 71.6 | 72.6 | 73.6 | 74.4 | 75.2 | 75.9 |
| | K | ********** | 2.66 | 3.39 | 4.22 | 5.15 | 6.19 | 7.32 | 8.56 | 9.91 | 11.36 | 12.91 | 14.57 | 16.33 | 18.20 | 20.17 | 22.24 | | | | |
| 0.008 | %C | ********** | 100.0 | 99.8 | 99.6 | 99.4 | 99.2 | 99.0 | 98.8 | 98.7 | 98.6 | 98.5 | 98.4 | 98.3 | 98.2 | | | | | | |
| | F | 3.348 | 2.026 | 1.538 | 1.299 | 1.163 | 1.079 | 1.023 | 0.985 | 0.957 | 0.937 | 0.921 | 0.909 | 0.899 | 0.892 | 0.885 | 0.880 | 0.876 | 0.872 | 0.869 | 0.866 |
| | A | 14.5 | 24.5 | 33.1 | 40.3 | 46.2 | 51.1 | 55.2 | 58.5 | 61.3 | 63.7 | 65.8 | 67.5 | 69.1 | 70.4 | 71.6 | 72.7 | 73.6 | 74.5 | 75.2 | 75.9 |
| | K | ********** | 3.73 | 4.54 | 5.45 | 6.45 | 7.54 | 8.72 | 9.99 | 11.35 | 12.81 | 14.35 | 15.99 | 17.72 | 19.54 | | | | | | |
| 0.010 | %C | ********** | | | | | | | | | | | | | | | | | | | |
| | F | 3.961 | 2.463 | 1.891 | 1.606 | 1.443 | 1.342 | 1.275 | 1.228 | 1.194 | 1.169 | 1.150 | 1.135 | 1.123 | 1.114 | 1.106 | 1.099 | 1.094 | 1.089 | 1.086 | 1.082 |
| | A | 15.4 | 25.2 | 33.7 | 40.8 | 46.7 | 51.5 | 55.5 | 58.8 | 61.6 | 63.9 | 65.9 | 67.7 | 69.2 | 70.5 | 71.7 | 72.7 | 73.7 | 74.5 | 75.3 | 76.0 |
| | K | ********** | | | | | | | | | | | | | | | | | | | |

| | | CARRIERS | PICKS | ENDS |
|---|---|---|---|---|
| | | 24 | 15 | 10 |

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ********** | 98.1 | 91.9 | 86.7 | 82.8 | 80.0 | 78.0 | 76.5 | 75.4 | 74.5 | 73.8 | 73.2 | 72.8 | 72.4 | 72.1 | 71.9 | 71.6 | 71.5 | 71.3 |
| | F | 2.095 | 1.171 | 0.861 | 0.715 | 0.635 | 0.585 | 0.553 | 0.531 | 0.515 | 0.504 | 0.495 | 0.488 | 0.483 | 0.478 | 0.475 | 0.472 | 0.469 | 0.467 | 0.466 | 0.464 |
| | A | 12.4 | 22.6 | 31.5 | 39.0 | 45.2 | 50.2 | 54.4 | 57.9 | 60.8 | 63.3 | 65.4 | 67.2 | 68.8 | 70.2 | 71.4 | 72.5 | 73.4 | 74.3 | 75.1 | 75.8 |
| | K | ********** | 1.60 | 2.31 | 3.17 | 4.17 | 5.34 | 6.67 | 8.16 | 9.82 | 11.65 | 13.65 | 15.82 | 18.16 | 20.67 | 23.35 | 26.20 | 29.22 | 32.41 | 35.78 |
| 0.004 | %C | ********** | 99.7 | 97.5 | 95.1 | 93.0 | 91.4 | 90.2 | 89.2 | 88.4 | 87.8 | 87.3 | 86.9 | 86.5 | 86.2 | 86.0 | 85.8 | 85.6 | 85.5 | |
| | F | 2.702 | 1.537 | 1.138 | 0.948 | 0.843 | 0.779 | 0.736 | 0.707 | 0.687 | 0.671 | 0.660 | 0.651 | 0.643 | 0.638 | 0.633 | 0.629 | 0.626 | 0.623 | 0.621 | 0.619 |
| | A | 12.8 | 23.0 | 31.8 | 39.2 | 45.4 | 50.4 | 54.6 | 58.0 | 60.9 | 63.4 | 65.5 | 67.3 | 68.8 | 70.2 | 71.4 | 72.5 | 73.5 | 74.3 | 75.1 | 75.8 |
| | K | ********** | 1.76 | 2.40 | 3.16 | 4.04 | 5.04 | 6.17 | 7.42 | 8.80 | 10.30 | 11.93 | 13.69 | 15.58 | 17.59 | 19.74 | 22.01 | 24.41 | 26.94 | |
| 0.005 | %C | ********** | 99.9 | 99.3 | 98.6 | 98.0 | 97.4 | 96.9 | 96.5 | 96.2 | 95.9 | 95.6 | 95.4 | 95.3 | 95.1 | 95.0 | 94.9 | | | |
| | F | 3.270 | 1.891 | 1.410 | 1.179 | 1.050 | 0.971 | 0.919 | 0.883 | 0.857 | 0.838 | 0.824 | 0.813 | 0.804 | 0.797 | 0.791 | 0.786 | 0.782 | 0.779 | 0.776 | 0.773 |
| | A | 13.3 | 23.4 | 32.1 | 39.5 | 45.6 | 50.6 | 54.7 | 58.2 | 61.0 | 63.5 | 65.5 | 67.3 | 68.9 | 70.3 | 71.5 | 72.5 | 73.5 | 74.4 | 75.1 | 75.8 |
| | K | ********** | 2.56 | 3.26 | 4.07 | 4.97 | 5.98 | 7.08 | 8.29 | 9.60 | 11.01 | 12.53 | 14.14 | 15.86 | 17.68 | 19.60 | 21.63 | | | |
| 0.006 | %C | ********** | 100.0 | 99.9 | 99.9 | 99.8 | 99.7 | 99.7 | 99.6 | 99.6 | 99.5 | 99.5 | | | | | | | | |
| | F | 3.804 | 2.235 | 1.677 | 1.407 | 1.255 | 1.162 | 1.100 | 1.058 | 1.028 | 1.005 | 0.988 | 0.975 | 0.964 | 0.956 | 0.949 | 0.943 | 0.938 | 0.934 | 0.931 | 0.928 |
| | A | 13.7 | 23.7 | 32.5 | 39.8 | 45.8 | 50.8 | 54.9 | 58.3 | 61.1 | 63.6 | 65.6 | 67.4 | 69.0 | 70.3 | 71.5 | 72.6 | 73.5 | 74.4 | 75.2 | 75.9 |
| | K | ********** | 5.94 | 6.95 | 8.05 | 9.23 | 10.49 | 11.84 | 13.28 | 14.80 | 16.40 | 18.10 | | | | | | | | |
| 0.007 | %C | ********** | | | | | | | | | | | | | | | | | | |
| | F | 4.308 | 2.570 | 1.939 | 1.632 | 1.459 | 1.352 | 1.281 | 1.233 | 1.198 | 1.172 | 1.152 | 1.137 | 1.125 | 1.115 | 1.107 | 1.100 | 1.095 | 1.090 | 1.086 | 1.083 |
| | A | 14.1 | 24.1 | 32.8 | 40.0 | 46.0 | 51.0 | 55.0 | 58.4 | 61.2 | 63.6 | 65.7 | 67.5 | 69.0 | 70.4 | 71.6 | 72.6 | 73.6 | 74.4 | 75.2 | 75.9 |
| | K | ********** | | | | | | | | | | | | | | | | | | |
| 0.008 | %C | ********** | | | | | | | | | | | | | | | | | | |
| | F | 4.783 | 2.895 | 2.197 | 1.855 | 1.661 | 1.541 | 1.462 | 1.407 | 1.367 | 1.338 | 1.316 | 1.298 | 1.285 | 1.274 | 1.265 | 1.257 | 1.251 | 1.246 | 1.241 | 1.237 |
| | A | 14.5 | 24.5 | 33.1 | 40.3 | 46.2 | 51.1 | 55.2 | 58.5 | 61.3 | 63.7 | 65.8 | 67.5 | 69.1 | 70.4 | 71.6 | 72.7 | 73.6 | 74.5 | 75.2 | 75.9 |
| | K | ********** | | | | | | | | | | | | | | | | | | |
| 0.010 | %C | ********** | | | | | | | | | | | | | | | | | | |
| | F | 5.659 | 3.519 | 2.702 | 2.294 | 2.062 | 1.917 | 1.821 | 1.754 | 1.706 | 1.670 | 1.643 | 1.622 | 1.605 | 1.591 | 1.580 | 1.571 | 1.563 | 1.556 | 1.551 | 1.546 |
| | A | 15.4 | 25.2 | 33.7 | 40.8 | 46.7 | 51.5 | 55.5 | 58.8 | 61.6 | 63.9 | 65.9 | 67.7 | 69.2 | 70.5 | 71.7 | 72.7 | 73.7 | 74.5 | 75.3 | 76.0 |
| | K | ********** | | | | | | | | | | | | | | | | | | |

CARRIERS 36 PICKS 3 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 87.7 | 68.9 | 55.9 | 46.9 | 40.3 | 35.4 | 31.6 | 28.6 | 26.1 | 24.1 | 22.4 | 20.9 | 19.7 | 18.6 | 17.7 | 16.8 | 16.1 | 15.4 | 14.9 | |
| | F | 1.228 | 0.690 | 0.442 | 0.336 | 0.271 | 0.228 | 0.196 | 0.173 | 0.155 | 0.141 | 0.129 | 0.119 | 0.111 | 0.104 | 0.098 | 0.093 | 0.088 | 0.084 | 0.080 | 0.077 |
| | A | 1.7 | 3.2 | 4.7 | 6.2 | 7.6 | 9.1 | 10.6 | 12.0 | 13.4 | 14.8 | 16.2 | 17.6 | 19.0 | 20.3 | 21.6 | 22.9 | 24.1 | 25.4 | 26.6 | 27.8 |
| | K****** | | 1.54 | 2.28 | 3.01 | 3.76 | 4.51 | 5.27 | 6.04 | 6.82 | 7.61 | 8.42 | 9.25 | 10.09 | 10.95 | 11.83 | 12.72 | 13.64 | 14.58 | 15.55 | 16.54 |
| 0.004 | %C****** | 97.8 | 82.5 | 69.0 | 58.9 | 51.2 | 45.3 | 40.7 | 36.9 | 33.9 | 31.3 | 29.1 | 27.3 | 25.7 | 24.3 | 23.1 | 22.1 | 21.1 | 20.3 | 19.5 | |
| | F | 1.581 | 0.850 | 0.582 | 0.442 | 0.359 | 0.301 | 0.261 | 0.230 | 0.206 | 0.187 | 0.171 | 0.158 | 0.147 | 0.138 | 0.130 | 0.123 | 0.117 | 0.112 | 0.107 | 0.103 |
| | A | 1.7 | 3.2 | 4.7 | 6.2 | 7.7 | 9.2 | 10.6 | 12.1 | 13.5 | 14.9 | 16.3 | 17.7 | 19.0 | 20.3 | 21.6 | 22.9 | 24.2 | 25.4 | 26.6 | 27.8 |
| | K****** | | 1.18 | 1.73 | 2.28 | 2.84 | 3.40 | 3.97 | 4.55 | 5.14 | 5.73 | 6.34 | 6.96 | 7.59 | 8.24 | 8.90 | 9.57 | 10.26 | 10.97 | 11.69 | 12.43 |
| 0.005 | %C********** | 92.1 | 79.7 | 69.2 | 60.9 | 54.3 | 49.0 | 44.7 | 41.1 | 38.1 | 35.6 | 33.4 | 31.5 | 29.8 | 28.4 | 27.1 | 26.0 | 24.9 | 24.0 | | |
| | F | 1.911 | 1.083 | 0.719 | 0.549 | 0.445 | 0.374 | 0.324 | 0.286 | 0.256 | 0.233 | 0.213 | 0.197 | 0.184 | 0.172 | 0.162 | 0.154 | 0.146 | 0.139 | 0.134 | 0.128 |
| | A | 1.8 | 3.3 | 4.8 | 6.3 | 7.8 | 9.2 | 10.7 | 12.1 | 13.5 | 15.0 | 16.3 | 17.7 | 19.1 | 20.4 | 21.7 | 23.0 | 24.2 | 25.5 | 26.7 | 27.9 |
| | K********** | | 1.40 | 1.84 | 2.29 | 2.74 | 3.20 | 3.66 | 4.13 | 4.61 | 5.09 | 5.59 | 6.09 | 6.61 | 7.14 | 7.68 | 8.23 | 8.80 | 9.38 | 9.97 | |
| 0.006 | %C********** | 97.8 | 87.9 | 77.9 | 69.4 | 62.4 | 56.6 | 51.9 | 47.9 | 44.5 | 41.6 | 39.1 | 37.0 | 35.1 | 33.4 | 31.9 | 30.6 | 29.4 | 28.4 | | |
| | F | 2.219 | 1.230 | 0.852 | 0.653 | 0.530 | 0.447 | 0.387 | 0.341 | 0.306 | 0.278 | 0.255 | 0.236 | 0.220 | 0.206 | 0.194 | 0.184 | 0.175 | 0.167 | 0.160 | 0.154 |
| | A | 1.9 | 3.4 | 4.8 | 6.3 | 7.8 | 9.3 | 10.7 | 12.2 | 13.6 | 15.0 | 16.4 | 17.8 | 19.2 | 20.4 | 21.8 | 23.0 | 24.3 | 25.5 | 26.7 | 27.9 |
| | K********** | | 1.16 | 1.55 | 1.92 | 2.30 | 2.68 | 3.07 | 3.46 | 3.85 | 4.26 | 4.67 | 5.10 | 5.53 | 5.97 | 6.42 | 6.88 | 7.35 | 7.83 | 8.33 | |
| 0.007 | %C********** | 100.0 | 94.0 | 85.1 | 76.7 | 69.6 | 63.6 | 58.5 | 54.2 | 50.5 | 47.4 | 44.6 | 42.2 | 40.1 | 38.3 | 36.6 | 35.1 | 33.8 | 32.6 | | |
| | F | 2.508 | 1.410 | 0.982 | 0.754 | 0.613 | 0.518 | 0.449 | 0.397 | 0.356 | 0.323 | 0.297 | 0.274 | 0.256 | 0.240 | 0.226 | 0.214 | 0.204 | 0.195 | 0.186 | 0.179 |
| | A | 1.9 | 3.4 | 4.9 | 6.4 | 7.9 | 9.3 | 10.8 | 12.2 | 13.7 | 15.1 | 16.5 | 17.8 | 19.2 | 20.5 | 21.8 | 23.1 | 24.3 | 25.6 | 26.8 | 28.0 |
| | K********** | | 1.03 | 1.34 | 1.66 | 1.98 | 2.31 | 2.64 | 2.98 | 3.32 | 3.67 | 4.02 | 4.38 | 4.75 | 5.13 | 5.52 | 5.91 | 6.32 | 6.73 | 7.16 | |
| 0.008 | %C********** | 97.9 | 90.8 | 83.0 | 76.0 | 69.9 | 64.6 | 60.1 | 56.2 | 52.8 | 49.8 | 47.2 | 44.9 | 42.9 | 41.1 | 39.5 | 38.0 | 36.7 | | | |
| | F | 2.780 | 1.583 | 1.109 | 0.854 | 0.696 | 0.588 | 0.510 | 0.451 | 0.405 | 0.368 | 0.338 | 0.313 | 0.292 | 0.273 | 0.258 | 0.244 | 0.232 | 0.222 | 0.213 | 0.204 |
| | A | 2.0 | 3.5 | 5.0 | 6.5 | 7.9 | 9.4 | 10.8 | 12.3 | 13.7 | 15.1 | 16.5 | 17.9 | 19.2 | 20.6 | 21.9 | 23.1 | 24.4 | 25.6 | 26.8 | 28.0 |
| | K********** | | 1.19 | 1.46 | 1.75 | 2.03 | 2.32 | 2.62 | 2.92 | 3.22 | 3.53 | 3.85 | 4.17 | 4.50 | 4.84 | 5.19 | 5.54 | 5.90 | 6.26 | | |
| 0.010 | %C********** | 98.0 | 92.5 | 86.4 | 80.5 | 75.2 | 70.5 | 66.3 | 62.6 | 59.4 | 56.5 | 53.9 | 51.6 | 49.5 | 47.7 | 46.0 | 44.5 | | | | |
| | F | 3.276 | 1.914 | 1.353 | 1.049 | 0.857 | 0.726 | 0.631 | 0.559 | 0.502 | 0.457 | 0.420 | 0.389 | 0.363 | 0.340 | 0.321 | 0.304 | 0.289 | 0.277 | 0.265 | 0.255 |
| | A | 2.1 | 3.6 | 5.1 | 6.6 | 8.0 | 9.5 | 11.0 | 12.4 | 13.8 | 15.2 | 16.6 | 18.0 | 19.3 | 20.7 | 22.0 | 23.2 | 24.5 | 25.7 | 26.9 | 28.1 |
| | K********** | | 1.19 | 1.42 | 1.64 | 1.88 | 2.11 | 2.35 | 2.60 | 2.84 | 3.10 | 3.36 | 3.62 | 3.89 | 4.17 | 4.46 | 4.75 | 5.05 | | | |

CARRIERS 36 PICKS 3 ENDS 7

| STR.DIA. | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C********** | | 94.9 | 83.0 | 72.4 | 63.8 | 56.9 | 51.4 | 46.9 | 43.1 | 40.0 | 37.3 | 35.0 | 33.0 | 31.3 | 29.8 | 28.4 | 27.2 | 26.2 | 25.2 |
| | F .150 | 1.137 | 0.774 | 0.587 | 0.474 | 0.398 | 0.344 | 0.303 | 0.271 | 0.246 | 0.225 | 0.208 | 0.194 | 0.182 | 0.171 | 0.162 | 0.154 | 0.147 | 0.141 | 0.135 |
| | A 1.7 | 3.2 | 4.7 | 6.2 | 7.6 | 9.1 | 10.6 | 12.0 | 13.4 | 14.8 | 16.2 | 17.6 | 19.0 | 20.3 | 21.6 | 22.9 | 24.1 | 25.4 | 26.6 | 27.8 |
| | K********** | 1.30 | 1.72 | 2.15 | 2.58 | 3.01 | 3.45 | 3.90 | 4.35 | 4.81 | 5.28 | 5.76 | 6.26 | 6.76 | 7.27 | 7.80 | 8.33 | 8.89 | 9.45 | |
| 0.004 | %C********** | | | 95.0 | 86.1 | 77.7 | 70.4 | 64.2 | 59.1 | 54.7 | 50.9 | 47.7 | 44.9 | 42.5 | 40.4 | 38.5 | 36.8 | 35.3 | 34.0 | 32.8 |
| | F 2.767 | 1.488 | 1.019 | 0.776 | 0.627 | 0.528 | 0.456 | 0.402 | 0.360 | 0.327 | 0.300 | 0.277 | 0.258 | 0.242 | 0.228 | 0.216 | 0.205 | 0.196 | 0.187 | 0.180 |
| | A 1.7 | 3.2 | 4.7 | 6.2 | 7.7 | 9.2 | 10.6 | 12.1 | 13.5 | 14.9 | 16.3 | 17.7 | 19.0 | 20.3 | 21.6 | 22.9 | 24.2 | 25.4 | 26.6 | 27.8 |
| | K********** | | 1.30 | 1.62 | 1.94 | 2.27 | 2.60 | 2.94 | 3.28 | 3.62 | 3.98 | 4.34 | 4.71 | 5.08 | 5.47 | 5.86 | 6.27 | 6.68 | 7.10 | |
| 0.005 | %C********** | | | 90.8 | 95.1 | 88.1 | 81.2 | 75.0 | 69.6 | 64.8 | 60.7 | 57.1 | 54.0 | 51.2 | 48.7 | 46.6 | 44.6 | 42.9 | 41.3 | 39.9 |
| | F 3.344 | 1.826 | 1.258 | 0.961 | 0.778 | 0.655 | 0.567 | 0.500 | 0.448 | 0.407 | 0.373 | 0.345 | 0.321 | 0.301 | 0.284 | 0.269 | 0.256 | 0.244 | 0.234 | 0.225 |
| | A 1.8 | 3.3 | 4.8 | 6.3 | 7.8 | 9.2 | 10.7 | 12.1 | 13.5 | 15.0 | 16.3 | 17.7 | 19.1 | 20.4 | 21.7 | 23.0 | 24.2 | 25.5 | 26.7 | 27.9 |
| | K********** | | 1.05 | 1.31 | 1.57 | 1.83 | 2.09 | 2.36 | 2.63 | 2.91 | 3.19 | 3.48 | 3.78 | 4.08 | 4.39 | 4.70 | 5.03 | 5.36 | 5.70 | |
| 0.006 | %C********** | | | 99.5 | 95.2 | 89.5 | 83.8 | 78.5 | 73.6 | 69.3 | 65.5 | 62.1 | 59.1 | 56.4 | 54.0 | 51.9 | 49.9 | 48.2 | 46.6 | |
| | F 3.883 | 2.152 | 1.491 | 1.142 | 0.927 | 0.782 | 0.677 | 0.598 | 0.536 | 0.487 | 0.446 | 0.413 | 0.385 | 0.361 | 0.340 | 0.322 | 0.306 | 0.292 | 0.280 | 0.269 |
| | A 1.9 | 3.4 | 4.8 | 6.3 | 7.8 | 9.3 | 10.7 | 12.2 | 13.6 | 15.0 | 16.4 | 17.8 | 19.1 | 20.4 | 21.8 | 23.0 | 24.3 | 25.5 | 26.7 | 27.9 |
| | K********** | | 1.10 | 1.31 | 1.53 | 1.75 | 1.98 | 2.20 | 2.43 | 2.67 | 2.91 | 3.16 | 3.41 | 3.67 | 3.93 | 4.20 | 4.48 | 4.76 | | |
| 0.007 | %C********** | | | 99.1 | 95.4 | 90.6 | 85.8 | 81.1 | 76.9 | 73.0 | 69.5 | 66.3 | 63.5 | 60.9 | 58.6 | 56.5 | 54.6 | 52.9 | | |
| | F 4.389 | 2.467 | 1.718 | 1.320 | 1.074 | 0.906 | 0.785 | 0.694 | 0.623 | 0.566 | 0.519 | 0.480 | 0.448 | 0.420 | 0.396 | 0.375 | 0.357 | 0.341 | 0.326 | 0.313 |
| | A 1.9 | 3.4 | 4.9 | 6.4 | 7.9 | 9.3 | 10.8 | 12.2 | 13.7 | 15.1 | 16.5 | 17.8 | 19.2 | 20.5 | 21.8 | 23.1 | 24.3 | 25.6 | 26.8 | 28.0 |
| | K********** | | 1.13 | 1.32 | 1.51 | 1.70 | 1.90 | 2.09 | 2.30 | 2.50 | 2.72 | 2.93 | 3.15 | 3.38 | 3.61 | 3.85 | 4.09 | | | |
| 0.008 | %C********** | | | 98.8 | 95.6 | 91.5 | 87.3 | 83.3 | 79.5 | 76.0 | 72.8 | 69.9 | 67.2 | 64.8 | 62.6 | 60.6 | 58.7 | | | |
| | F 4.864 | 2.771 | 1.940 | 1.495 | 1.218 | 1.029 | 0.893 | 0.789 | 0.709 | 0.644 | 0.591 | 0.547 | 0.510 | 0.479 | 0.451 | 0.428 | 0.407 | 0.388 | 0.372 | 0.358 |
| | A 2.0 | 3.5 | 5.0 | 6.5 | 7.9 | 9.4 | 10.8 | 12.3 | 13.7 | 15.1 | 16.5 | 17.9 | 19.2 | 20.6 | 21.9 | 23.1 | 24.4 | 25.6 | 26.8 | 28.0 |
| | K********** | | 1.16 | 1.33 | 1.49 | 1.67 | 1.84 | 2.02 | 2.20 | 2.38 | 2.57 | 2.77 | 2.96 | 3.17 | 3.37 | 3.59 | | | | |
| 0.010 | %C********** | | | 100.0 | 98.5 | 96.0 | 92.9 | 89.8 | 86.6 | 83.6 | 80.8 | 78.1 | 75.7 | 73.4 | 71.2 | 69.3 | | | | |
| | F 5.733 | 3.349 | 2.369 | 1.835 | 1.500 | 1.271 | 1.104 | 0.978 | 0.879 | 0.799 | 0.734 | 0.680 | 0.634 | 0.595 | 0.562 | 0.532 | 0.507 | 0.484 | 0.464 | 0.446 |
| | A 2.1 | 3.6 | 5.1 | 6.6 | 8.0 | 9.5 | 11.0 | 12.4 | 13.8 | 15.2 | 16.6 | 18.0 | 19.3 | 20.7 | 22.0 | 23.2 | 24.5 | 25.7 | 26.9 | 28.1 |
| | K********** | | 1.07 | 1.21 | 1.34 | 1.48 | 1.63 | 1.77 | 1.92 | 2.07 | 2.23 | 2.38 | 2.55 | 2.71 | 2.88 | | | | | |

CARRIERS 36 PICKS 3 ENDS 10

| STR.DIA. | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | | | 97.4 | 89.6 | 81.4 | 74.1 | 67.8 | 62.5 | 57.9 | 54.0 | 50.7 | 47.7 | 45.2 | 42.9 | 40.9 | 39.2 | 37.6 | 36.2 | 34.9 |
| | F 3.071 | 1.624 | 1.106 | 0.839 | 0.677 | 0.569 | 0.491 | 0.433 | 0.388 | 0.351 | 0.322 | 0.298 | 0.277 | 0.260 | 0.245 | 0.231 | 0.220 | 0.210 | 0.201 | 0.193 |
| | A 1.7 | 3.2 | 4.7 | 6.2 | 7.6 | 9.1 | 10.6 | 12.0 | 13.4 | 14.8 | 16.2 | 17.6 | 19.0 | 20.3 | 21.6 | 22.9 | 24.1 | 25.4 | 26.6 | 27.8 |
| | K | | | 1.21 | 1.50 | 1.80 | 2.11 | 2.41 | 2.73 | 3.05 | 3.37 | 3.70 | 4.04 | 4.38 | 4.73 | 5.09 | 5.46 | 5.83 | 6.22 | 6.61 |
| 0.004 | %C | | | | 98.9 | 93.9 | 87.8 | 81.9 | 76.4 | 71.6 | 67.3 | 63.5 | 60.1 | 57.1 | 54.5 | 52.1 | 50.0 | 48.1 | 46.4 | 44.8 |
| | F 3.953 | 2.125 | 1.455 | 1.108 | 0.896 | 0.754 | 0.651 | 0.574 | 0.515 | 0.467 | 0.428 | 0.396 | 0.368 | 0.345 | 0.325 | 0.308 | 0.293 | 0.279 | 0.268 | 0.257 |
| | A 1.7 | 3.2 | 4.7 | 6.2 | 7.7 | 9.2 | 10.6 | 12.1 | 13.5 | 14.9 | 16.3 | 17.7 | 19.0 | 20.3 | 21.6 | 22.9 | 24.2 | 25.4 | 26.6 | 27.8 |
| | K | | | | 1.14 | 1.36 | 1.59 | 1.82 | 2.06 | 2.29 | 2.54 | 2.78 | 3.04 | 3.29 | 3.56 | 3.83 | 4.10 | 4.39 | 4.68 | 4.97 |
| 0.005 | %C | | | | | 99.6 | 96.4 | 91.9 | 87.1 | 82.5 | 78.2 | 74.3 | 70.8 | 67.6 | 64.7 | 62.1 | 59.7 | 57.6 | 55.6 | 53.9 |
| | F 4.777 | 2.609 | 1.797 | 1.372 | 1.112 | 0.936 | 0.810 | 0.715 | 0.641 | 0.581 | 0.533 | 0.493 | 0.459 | 0.430 | 0.406 | 0.384 | 0.365 | 0.349 | 0.334 | 0.321 |
| | A 1.8 | 3.3 | 4.8 | 6.3 | 7.8 | 9.2 | 10.7 | 12.1 | 13.5 | 15.0 | 16.3 | 17.7 | 19.1 | 20.4 | 21.7 | 23.0 | 24.2 | 25.5 | 26.7 | 27.9 |
| | K | | | | | 1.10 | 1.28 | 1.46 | 1.65 | 1.84 | 2.04 | 2.24 | 2.44 | 2.64 | 2.86 | 3.07 | 3.29 | 3.52 | 3.75 | 3.99 |
| 0.006 | %C | | | | | | 99.9 | 97.9 | 94.5 | 90.7 | 86.9 | 83.2 | 79.7 | 76.5 | 73.6 | 70.8 | 68.4 | 66.1 | 64.0 | 62.1 |
| | F 5.548 | 3.075 | 2.130 | 1.632 | 1.324 | 1.116 | 0.967 | 0.854 | 0.766 | 0.695 | 0.638 | 0.590 | 0.550 | 0.515 | 0.486 | 0.460 | 0.438 | 0.418 | 0.400 | 0.384 |
| | A 1.9 | 3.4 | 4.8 | 6.3 | 7.8 | 9.3 | 10.7 | 12.2 | 13.6 | 15.0 | 16.4 | 17.8 | 19.1 | 20.4 | 21.8 | 23.0 | 24.3 | 25.5 | 26.7 | 27.9 |
| | K | | | | | | 1.07 | 1.23 | 1.38 | 1.54 | 1.70 | 1.87 | 2.04 | 2.21 | 2.39 | 2.57 | 2.75 | 2.94 | 3.13 | 3.33 |
| 0.007 | %C | | | | | | | 100.0 | 98.8 | 96.3 | 93.3 | 90.1 | 87.0 | 84.0 | 81.1 | 78.4 | 75.9 | 73.6 | 71.5 | 69.5 |
| | F 6.270 | 3.524 | 2.455 | 1.886 | 1.534 | 1.294 | 1.122 | 0.991 | 0.890 | 0.808 | 0.741 | 0.686 | 0.639 | 0.600 | 0.565 | 0.536 | 0.509 | 0.486 | 0.466 | 0.448 |
| | A 1.9 | 3.4 | 4.9 | 6.4 | 7.9 | 9.3 | 10.8 | 12.2 | 13.7 | 15.1 | 16.5 | 17.8 | 19.2 | 20.5 | 21.8 | 23.1 | 24.3 | 25.6 | 26.8 | 28.0 |
| | K | | | | | | | 1.06 | 1.19 | 1.33 | 1.47 | 1.61 | 1.75 | 1.90 | 2.05 | 2.21 | 2.36 | 2.53 | 2.69 | 2.86 |
| 0.008 | %C | | | | | | | | 99.4 | 97.6 | 95.2 | 92.6 | 90.0 | 87.4 | 84.9 | 82.5 | 80.2 | 78.1 | 76.1 | |
| | F 6.949 | 3.959 | 2.772 | 2.136 | 1.740 | 1.470 | 1.275 | 1.128 | 1.012 | 0.920 | 0.845 | 0.782 | 0.729 | 0.684 | 0.645 | 0.611 | 0.581 | 0.555 | 0.532 | 0.511 |
| | A 2.0 | 3.5 | 5.0 | 6.5 | 7.9 | 9.4 | 10.8 | 12.3 | 13.7 | 15.1 | 16.5 | 17.9 | 19.2 | 20.6 | 21.9 | 23.1 | 24.4 | 25.6 | 26.8 | 28.0 |
| | K | | | | | | | | | 1.17 | 1.29 | 1.41 | 1.54 | 1.67 | 1.80 | 1.94 | 2.07 | 2.22 | 2.36 | 2.51 |
| 0.010 | %C | | | | | | | | | | | | | | 99.9 | 99.1 | 97.8 | 96.1 | 94.3 | 92.4 | 90.5 | 88.6 | 86.8 |
| | F 8.191 | 4.784 | 3.384 | 2.622 | 2.143 | 1.815 | 1.577 | 1.397 | 1.255 | 1.142 | 1.049 | 0.972 | 0.906 | 0.850 | 0.802 | 0.760 | 0.724 | 0.691 | 0.662 | 0.637 |
| | A 2.1 | 3.6 | 5.1 | 6.6 | 8.0 | 9.5 | 11.0 | 12.4 | 13.8 | 15.2 | 16.6 | 18.0 | 19.3 | 20.7 | 22.0 | 23.2 | 24.5 | 25.7 | 26.9 | 28.1 |
| | K | | | | | | | | | | | | | | 1.14 | 1.24 | 1.34 | 1.45 | 1.56 | 1.67 | 1.78 | 1.90 | 2.02 |

CARRIERS 36 PICKS 9 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 88.3 | 70.2 | 57.9 | 49.5 | 43.6 | 39.4 | 36.1 | 33.7 | 31.7 | 30.1 | 28.9 | 27.8 | 27.0 | 26.2 | 25.6 | 25.1 | 24.7 | 24.3 | 23.9 |
| | F 1.233 | 0.658 | 0.454 | 0.351 | 0.289 | 0.249 | 0.221 | 0.201 | 0.185 | 0.174 | 0.164 | 0.157 | 0.150 | 0.145 | 0.141 | 0.138 | 0.135 | 0.132 | 0.130 | 0.128 |
| | A 5.0 | 9.5 | 13.8 | 17.9 | 21.9 | 25.7 | 29.2 | 32.5 | 35.6 | 38.5 | 41.1 | 43.6 | 45.9 | 48.0 | 49.9 | 51.7 | 53.4 | 54.9 | 56.3 | 57.7 |
| | K****** | 1.56 | 2.34 | 3.15 | 4.01 | 4.94 | 5.93 | 7.00 | 8.16 | 9.40 | 10.74 | 12.17 | 13.70 | 15.33 | 17.07 | 18.91 | 20.86 | 22.92 | 25.09 | 27.36 |
| 0.004 | %C****** | 98.1 | 83.8 | 71.2 | 62.0 | 55.2 | 50.1 | 46.3 | 43.2 | 40.8 | 38.9 | 37.4 | 36.1 | 35.0 | 34.1 | 33.3 | 32.6 | 32.1 | 31.6 | 31.2 |
| | F 1.587 | 0.861 | 0.598 | 0.464 | 0.383 | 0.331 | 0.294 | 0.267 | 0.247 | 0.231 | 0.218 | 0.208 | 0.200 | 0.194 | 0.188 | 0.183 | 0.179 | 0.176 | 0.173 | 0.170 |
| | A 5.2 | 9.6 | 13.9 | 18.1 | 22.1 | 25.8 | 29.4 | 32.7 | 35.7 | 38.6 | 41.2 | 43.7 | 45.9 | 48.0 | 50.0 | 51.8 | 53.4 | 55.0 | 56.4 | 57.7 |
| | K****** | 1.19 | 1.78 | 2.39 | 3.04 | 3.73 | 4.48 | 5.29 | 6.15 | 7.09 | 8.09 | 9.17 | 10.32 | 11.55 | 12.86 | 14.24 | 15.71 | 17.25 | 18.88 | 20.59 |
| 0.005 | %C********** | 93.2 | 81.9 | 72.6 | 65.3 | 59.8 | 55.4 | 52.0 | 49.3 | 47.1 | 45.3 | 43.8 | 42.5 | 41.4 | 40.5 | 39.8 | 39.1 | 38.5 | 38.0 | |
| | F 1.918 | 1.057 | 0.738 | 0.575 | 0.476 | 0.411 | 0.366 | 0.332 | 0.307 | 0.288 | 0.273 | 0.260 | 0.250 | 0.242 | 0.235 | 0.229 | 0.224 | 0.220 | 0.216 | 0.213 |
| | A 5.4 | 9.8 | 14.1 | 18.3 | 22.2 | 26.0 | 29.5 | 32.8 | 35.9 | 38.7 | 41.3 | 43.8 | 46.0 | 48.1 | 50.0 | 51.8 | 53.5 | 55.0 | 56.4 | 57.8 |
| | K********** | 1.44 | 1.93 | 2.45 | 3.01 | 3.61 | 4.26 | 4.95 | 5.70 | 6.51 | 7.37 | 8.30 | 9.28 | 10.33 | 11.44 | 12.61 | 13.85 | 15.16 | 16.53 | |
| 0.006 | %C********** | 98.5 | 90.0 | 81.3 | 74.1 | 68.3 | 63.7 | 60.0 | 57.1 | 54.6 | 52.6 | 51.0 | 49.6 | 48.4 | 47.4 | 46.5 | 45.7 | 45.1 | 44.5 | |
| | F 2.228 | 1.247 | 0.876 | 0.684 | 0.568 | 0.491 | 0.437 | 0.398 | 0.368 | 0.345 | 0.326 | 0.312 | 0.300 | 0.290 | 0.281 | 0.274 | 0.269 | 0.263 | 0.259 | 0.255 |
| | A 5.6 | 10.0 | 14.3 | 18.4 | 22.4 | 26.1 | 29.6 | 32.9 | 36.0 | 38.8 | 41.4 | 43.9 | 46.1 | 48.2 | 50.1 | 51.9 | 53.6 | 55.1 | 56.5 | 57.8 |
| | K********** | 1.22 | 1.62 | 2.06 | 2.53 | 3.03 | 3.57 | 4.15 | 4.78 | 5.45 | 6.17 | 6.95 | 7.77 | 8.64 | 9.57 | 10.55 | 11.59 | 12.68 | 13.82 | |
| 0.007 | %C********** | 95.6 | 88.3 | 81.5 | 75.8 | 71.1 | 67.3 | 64.1 | 61.6 | 59.4 | 57.6 | 56.1 | 54.8 | 53.7 | 52.8 | 52.0 | 51.3 | 50.7 | | |
| | F 2.519 | 1.430 | 1.010 | 0.791 | 0.658 | 0.570 | 0.508 | 0.462 | 0.428 | 0.401 | 0.380 | 0.363 | 0.349 | 0.338 | 0.328 | 0.320 | 0.313 | 0.307 | 0.302 | 0.298 |
| | A 5.7 | 10.2 | 14.4 | 18.6 | 22.5 | 26.3 | 29.8 | 33.0 | 36.1 | 38.9 | 41.5 | 44.0 | 46.2 | 48.3 | 50.2 | 52.0 | 53.6 | 55.1 | 56.6 | 57.9 |
| | K********** | 1.41 | 1.78 | 2.18 | 2.61 | 3.08 | 3.58 | 4.12 | 4.70 | 5.32 | 5.98 | 6.69 | 7.44 | 8.24 | 9.08 | 9.97 | 10.90 | 11.89 | | |
| 0.008 | %C********** | 98.9 | 93.6 | 87.6 | 82.2 | 77.6 | 73.7 | 70.6 | 67.9 | 65.7 | 63.8 | 62.2 | 60.9 | 59.7 | 58.7 | 57.8 | 57.1 | 56.4 | | |
| | F 2.793 | 1.607 | 1.141 | 0.896 | 0.747 | 0.648 | 0.578 | 0.526 | 0.488 | 0.457 | 0.433 | 0.414 | 0.398 | 0.385 | 0.374 | 0.365 | 0.357 | 0.351 | 0.345 | 0.340 |
| | A 5.9 | 10.3 | 14.6 | 18.7 | 22.7 | 26.4 | 29.9 | 33.2 | 36.2 | 39.0 | 41.6 | 44.1 | 46.3 | 48.3 | 50.3 | 52.0 | 53.7 | 55.2 | 56.6 | 57.9 |
| | K********** | 1.24 | 1.57 | 1.92 | 2.30 | 2.71 | 3.15 | 3.62 | 4.13 | 4.68 | 5.26 | 5.88 | 6.54 | 7.24 | 7.97 | 8.75 | 9.57 | 10.44 | | |
| 0.010 | %C********** | 99.4 | 96.1 | 92.0 | 88.0 | 84.5 | 81.4 | 78.8 | 76.6 | 74.7 | 73.0 | 71.6 | 70.4 | 69.3 | 68.4 | 67.6 | 66.9 | | | |
| | F 3.294 | 1.943 | 1.395 | 1.102 | 0.922 | 0.802 | 0.716 | 0.654 | 0.606 | 0.569 | 0.540 | 0.516 | 0.497 | 0.481 | 0.467 | 0.456 | 0.446 | 0.438 | 0.431 | 0.424 |
| | A 6.3 | 10.7 | 15.0 | 19.1 | 23.0 | 26.7 | 30.2 | 33.4 | 36.4 | 39.2 | 41.8 | 44.2 | 46.5 | 48.5 | 50.4 | 52.2 | 53.8 | 55.3 | 56.7 | 58.0 |
| | K********** | 1.28 | 1.56 | 1.87 | 2.20 | 2.55 | 2.93 | 3.34 | 3.78 | 4.24 | 4.74 | 5.27 | 5.83 | 6.43 | 7.05 | 7.71 | 8.41 | | | |

CARRIERS 36 PICKS 9 ENDS 7

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ********** | 95.8 | 85.1 | 75.7 | 68.2 | 62.5 | 57.9 | 54.4 | 51.5 | 49.2 | 47.3 | 45.7 | 44.4 | 43.3 | 42.4 | 41.6 | 40.9 | 40.3 | 39.7 | |
| | F | 2.157 | 1.151 | 0.794 | 0.614 | 0.507 | 0.436 | 0.387 | 0.351 | 0.325 | 0.304 | 0.287 | 0.274 | 0.263 | 0.254 | 0.247 | 0.241 | 0.236 | 0.231 | 0.227 | 0.224 |
| | A | 5.0 | 9.5 | 13.8 | 17.9 | 21.9 | 25.7 | 29.2 | 32.5 | 35.6 | 38.5 | 41.1 | 43.6 | 45.9 | 48.0 | 49.9 | 51.7 | 53.4 | 54.9 | 56.3 | 57.7 |
| | K | ********** | 1.33 | 1.80 | 2.29 | 2.82 | 3.39 | 4.00 | 4.66 | 5.37 | 6.14 | 6.95 | 7.83 | 8.76 | 9.75 | 10.81 | 11.92 | 13.10 | 14.33 | 15.64 | |
| 0.004 | %C | ********** | 96.4 | 89.2 | 82.2 | 76.4 | 71.6 | 67.7 | 64.5 | 61.8 | 59.7 | 57.8 | 56.3 | 55.0 | 53.9 | 52.9 | 52.1 | 51.4 | 50.7 | | |
| | F | 2.777 | 1.507 | 1.046 | 0.811 | 0.671 | 0.579 | 0.514 | 0.467 | 0.432 | 0.404 | 0.382 | 0.365 | 0.351 | 0.339 | 0.329 | 0.321 | 0.314 | 0.308 | 0.303 | 0.298 |
| | A | 5.2 | 9.6 | 13.9 | 18.1 | 22.1 | 25.8 | 29.4 | 32.7 | 35.7 | 38.6 | 41.2 | 43.7 | 45.9 | 48.0 | 50.0 | 51.8 | 53.4 | 55.0 | 56.4 | 57.7 |
| | K | ********** | 1.36 | 1.74 | 2.13 | 2.56 | 3.02 | 3.52 | 4.05 | 4.63 | 5.24 | 5.90 | 6.60 | 7.35 | 8.14 | 8.98 | 9.86 | 10.79 | 11.77 | | |
| 0.005 | %C | ********** | 97.2 | 92.1 | 87.0 | 82.5 | 78.6 | 75.4 | 72.6 | 70.3 | 68.4 | 66.7 | 65.3 | 64.1 | 63.0 | 62.1 | 61.3 | 60.6 | | | |
| | F | 3.357 | 1.850 | 1.292 | 1.006 | 0.833 | 0.720 | 0.640 | 0.582 | 0.538 | 0.504 | 0.477 | 0.455 | 0.438 | 0.423 | 0.411 | 0.401 | 0.392 | 0.384 | 0.378 | 0.372 |
| | A | 5.4 | 9.8 | 14.1 | 18.3 | 22.2 | 26.0 | 29.5 | 32.8 | 35.9 | 38.7 | 41.3 | 43.8 | 46.0 | 48.1 | 50.0 | 51.8 | 53.5 | 55.0 | 56.4 | 57.8 |
| | K | ********** | 1.40 | 1.72 | 2.06 | 2.43 | 2.83 | 3.26 | 3.72 | 4.21 | 4.74 | 5.30 | 5.90 | 6.54 | 7.21 | 7.92 | 8.66 | 9.45 | | | |
| 0.006 | %C | ********** | 100.0 | 98.0 | 94.5 | 90.7 | 87.3 | 84.3 | 81.6 | 79.3 | 77.4 | 75.7 | 74.3 | 73.0 | 71.9 | 70.9 | 70.1 | 69.4 | | | |
| | F | 3.900 | 2.182 | 1.533 | 1.196 | 0.993 | 0.859 | 0.765 | 0.696 | 0.644 | 0.603 | 0.571 | 0.545 | 0.524 | 0.507 | 0.493 | 0.480 | 0.470 | 0.461 | 0.453 | 0.447 |
| | A | 5.6 | 10.0 | 14.3 | 18.4 | 22.4 | 26.1 | 29.6 | 32.9 | 36.0 | 38.8 | 41.4 | 43.9 | 46.1 | 48.2 | 50.1 | 51.9 | 53.6 | 55.1 | 56.5 | 57.8 |
| | K | ********** | 1.18 | 1.44 | 1.73 | 2.04 | 2.37 | 2.73 | 3.12 | 3.53 | 3.97 | 4.44 | 4.94 | 5.47 | 6.03 | 6.62 | 7.24 | 7.90 | | | |
| 0.007 | %C | ********** | 100.0 | 98.8 | 96.3 | 93.7 | 91.1 | 88.8 | 86.7 | 84.9 | 83.3 | 81.9 | 80.6 | 79.6 | 78.6 | 77.8 | 77.0 | | | | |
| | F | 4.409 | 2.502 | 1.768 | 1.384 | 1.151 | 0.997 | 0.888 | 0.809 | 0.749 | 0.702 | 0.665 | 0.635 | 0.611 | 0.591 | 0.574 | 0.560 | 0.548 | 0.537 | 0.528 | 0.521 |
| | A | 5.7 | 10.2 | 14.4 | 18.6 | 22.5 | 26.3 | 29.8 | 33.0 | 36.1 | 38.9 | 41.5 | 44.0 | 46.2 | 48.3 | 50.2 | 52.0 | 53.6 | 55.1 | 56.6 | 57.9 |
| | K | ********** | 1.25 | 1.49 | 1.76 | 2.05 | 2.35 | 2.68 | 3.04 | 3.42 | 3.82 | 4.25 | 4.71 | 5.19 | 5.70 | 6.23 | 6.79 | | | | |
| 0.008 | %C | ********** | 99.4 | 97.8 | 96.0 | 94.2 | 92.4 | 90.8 | 89.4 | 88.1 | 87.0 | 86.0 | 85.1 | 84.3 | 83.6 | | | | | | |
| | F | 4.888 | 2.812 | 1.997 | 1.569 | 1.307 | 1.134 | 1.011 | 0.921 | 0.853 | 0.800 | 0.759 | 0.725 | 0.697 | 0.674 | 0.655 | 0.639 | 0.626 | 0.614 | 0.604 | 0.595 |
| | A | 5.9 | 10.3 | 14.6 | 18.7 | 22.7 | 26.4 | 29.9 | 33.2 | 36.2 | 39.0 | 41.6 | 44.1 | 46.3 | 48.4 | 50.3 | 52.0 | 53.7 | 55.2 | 56.6 | 57.9 |
| | K | ********** | 1.55 | 1.80 | 2.07 | 2.36 | 2.67 | 3.00 | 3.36 | 3.74 | 4.13 | 4.56 | 5.00 | 5.47 | 5.96 | | | | | | |
| 0.010 | %C | ********** | 100.0 | 99.7 | 99.1 | 98.3 | 97.5 | 96.7 | 95.9 | 95.2 | 94.5 | 93.9 | 93.4 | | | | | | | | |
| | F | 5.764 | 3.401 | 2.442 | 1.929 | 1.614 | 1.403 | 1.254 | 1.144 | 1.061 | 0.996 | 0.944 | 0.903 | 0.869 | 0.841 | 0.817 | 0.798 | 0.781 | 0.766 | 0.754 | 0.743 |
| | A | 6.3 | 10.7 | 15.0 | 19.1 | 23.0 | 26.7 | 30.2 | 33.4 | 36.4 | 39.2 | 41.8 | 44.2 | 46.5 | 48.5 | 50.4 | 52.2 | 53.8 | 55.3 | 56.7 | 58.0 |
| | K | ********** | 1.67 | 1.91 | 2.16 | 2.43 | 2.71 | 3.01 | 3.33 | 3.67 | 4.03 | 4.41 | 4.80 | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | CARRIERS 36 | | PICKS 9 | | ENDS 10 | | | | | | | | |
| STR.DIA. | | | | | | | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | |
| | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | | | 98.5 | 92.4 | 85.8 | 80.0 | 75.2 | 71.2 | 68.0 | 65.2 | 63.0 | 61.1 | 59.5 | 58.1 | 57.0 | 56.0 | 55.1 | 54.4 | 53.7 |
| | F 3.081 | 1.644 | 1.134 | 0.877 | 0.724 | 0.623 | 0.553 | 0.502 | 0.464 | 0.434 | 0.410 | 0.392 | 0.376 | 0.364 | 0.353 | 0.344 | 0.336 | 0.330 | 0.324 | 0.320 |
| | A 5.0 | 9.5 | 13.8 | 17.9 | 21.9 | 25.7 | 29.2 | 32.5 | 35.6 | 38.5 | 41.1 | 43.6 | 45.9 | 48.0 | 49.9 | 51.7 | 53.4 | 54.9 | 56.3 | 57.7 |
| | K****** | | | 1.26 | 1.61 | 1.98 | 2.37 | 2.80 | 3.26 | 3.76 | 4.29 | 4.87 | 5.48 | 6.13 | 6.83 | 7.57 | 8.34 | 9.17 | 10.03 | 10.94 |
| 0.004 | %C****** | | | | 99.8 | 97.0 | 92.9 | 88.9 | 85.3 | 82.1 | 79.4 | 77.1 | 75.1 | 73.4 | 71.9 | 70.7 | 69.6 | 68.6 | 67.8 | 67.0 |
| | F 3.968 | 2.152 | 1.495 | 1.159 | 0.958 | 0.827 | 0.734 | 0.667 | 0.616 | 0.577 | 0.546 | 0.521 | 0.501 | 0.484 | 0.470 | 0.458 | 0.448 | 0.440 | 0.432 | 0.426 |
| | A 5.2 | 9.6 | 13.9 | 18.1 | 22.1 | 25.8 | 29.4 | 32.7 | 35.7 | 38.6 | 41.2 | 43.7 | 45.9 | 48.0 | 50.0 | 51.8 | 53.4 | 55.0 | 56.4 | 57.7 |
| | K****** | | | | 1.21 | 1.49 | 1.79 | 2.11 | 2.46 | 2.84 | 3.24 | 3.67 | 4.13 | 4.62 | 5.14 | 5.70 | 6.28 | 6.90 | 7.55 | 8.24 |
| 0.005 | %C****** | | | | | | 99.3 | 97.1 | 94.6 | 92.1 | 89.8 | 87.8 | 86.0 | 84.4 | 82.9 | 81.7 | 80.6 | 79.7 | 78.8 | 78.1 |
| | F 4.796 | 2.643 | 1.846 | 1.436 | 1.190 | 1.028 | 0.914 | 0.831 | 0.768 | 0.720 | 0.681 | 0.650 | 0.625 | 0.604 | 0.587 | 0.572 | 0.560 | 0.549 | 0.540 | 0.532 |
| | A 5.4 | 9.8 | 14.1 | 18.3 | 22.2 | 26.0 | 29.5 | 32.8 | 35.9 | 38.7 | 41.3 | 43.8 | 46.0 | 48.1 | 50.0 | 51.8 | 53.5 | 55.0 | 56.4 | 57.8 |
| | K****** | | | | | | 1.44 | 1.70 | 1.98 | 2.28 | 2.60 | 2.95 | 3.32 | 3.71 | 4.13 | 4.58 | 5.05 | 5.54 | 6.06 | 6.61 |
| 0.006 | %C****** | | | | | | | 100.0 | 99.4 | 98.1 | 96.6 | 95.1 | 93.7 | 92.4 | 91.2 | 90.2 | 89.2 | 88.3 | 87.6 | 86.9 |
| | F 5.571 | 3.117 | 2.190 | 1.709 | 1.419 | 1.227 | 1.092 | 0.994 | 0.919 | 0.862 | 0.816 | 0.779 | 0.749 | 0.724 | 0.704 | 0.686 | 0.671 | 0.659 | 0.648 | 0.638 |
| | A 5.6 | 10.0 | 14.3 | 18.4 | 22.4 | 26.1 | 29.6 | 32.9 | 36.0 | 38.8 | 41.4 | 43.9 | 46.1 | 48.2 | 50.1 | 51.9 | 53.6 | 55.1 | 56.5 | 57.8 |
| | K****** | | | | | | | 1.43 | 1.66 | 1.91 | 2.18 | 2.47 | 2.78 | 3.11 | 3.46 | 3.83 | 4.22 | 4.63 | 5.07 | 5.53 |
| 0.007 | %C****** | | | | | | | | | | 99.8 | 99.1 | 98.4 | 97.6 | 96.8 | 96.0 | 95.3 | 94.6 | 94.0 | 93.4 |
| | F 6.298 | 3.574 | 2.525 | 1.977 | 1.645 | 1.424 | 1.269 | 1.156 | 1.070 | 1.003 | 0.950 | 0.908 | 0.873 | 0.844 | 0.820 | 0.800 | 0.783 | 0.768 | 0.755 | 0.744 |
| | A 5.7 | 10.2 | 14.4 | 18.6 | 22.5 | 26.3 | 29.8 | 33.0 | 36.1 | 38.9 | 41.5 | 44.0 | 46.2 | 48.3 | 50.2 | 52.0 | 53.6 | 55.1 | 56.6 | 57.9 |
| | K****** | | | | | | | | | | 1.88 | 2.13 | 2.39 | 2.68 | 2.98 | 3.29 | 3.63 | 3.99 | 4.36 | 4.75 |
| 0.008 | %C****** | | | | | | | | | | | | 100.0 | 99.9 | 99.6 | 99.2 | 98.9 | 98.5 | 98.1 | 97.7 |
| | F 6.982 | 4.016 | 2.854 | 2.241 | 1.868 | 1.619 | 1.445 | 1.316 | 1.219 | 1.143 | 1.084 | 1.035 | 0.996 | 0.963 | 0.936 | 0.913 | 0.894 | 0.877 | 0.862 | 0.850 |
| | A 5.9 | 10.3 | 14.6 | 18.7 | 22.7 | 26.6 | 29.9 | 33.2 | 36.2 | 39.0 | 41.6 | 44.1 | 46.3 | 48.4 | 50.3 | 52.0 | 53.7 | 55.2 | 56.6 | 57.9 |
| | K****** | | | | | | | | | | | | 2.10 | 2.35 | 2.61 | 2.89 | 3.19 | 3.50 | 3.83 | 4.17 |
| 0.010 | %C****** | | | | | | | | | | | | | | | | | | | |
| | F 8.234 | 4.859 | 3.488 | 2.755 | 2.305 | 2.004 | 1.791 | 1.634 | 1.515 | 1.423 | 1.349 | 1.290 | 1.241 | 1.201 | 1.168 | 1.139 | 1.115 | 1.094 | 1.077 | 1.061 |
| | A 6.3 | 10.7 | 15.0 | 19.1 | 23.0 | 26.7 | 30.2 | 33.4 | 36.4 | 39.2 | 41.8 | 44.2 | 46.5 | 48.6 | 50.4 | 52.2 | 53.9 | 55.3 | 56.7 | 58.0 |
| | K****** | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | CARRIERS 36 | PICKS 15 | ENDS 4 | | | | | | | |
| STR.DIA. | | | | | | | | | | DIAMETER OVER DIELECTRIC | | | | | | | | | | |
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 89.3 | 72.6 | 61.5 | 54.2 | 49.3 | 45.8 | 43.3 | 41.4 | 40.0 | 38.9 | 38.0 | 37.3 | 36.7 | 36.3 | 35.9 | 35.5 | 35.3 | 35.0 | 34.8 |
| | F 1.241 | 0.673 | 0.476 | 0.379 | 0.323 | 0.288 | 0.264 | 0.247 | 0.235 | 0.226 | 0.218 | 0.213 | 0.208 | 0.205 | 0.202 | 0.199 | 0.197 | 0.195 | 0.194 | 0.193 |
| | A 8.3 | 15.5 | 22.2 | 28.3 | 33.8 | 38.7 | 43.0 | 46.7 | 50.0 | 53.0 | 55.5 | 57.8 | 59.8 | 61.6 | 63.2 | 64.6 | 66.0 | 67.1 | 68.2 | 69.2 |
| | K****** | 1.60 | 2.45 | 3.40 | 4.48 | 5.70 | 7.08 | 8.62 | 10.33 | 12.22 | 14.28 | 16.53 | 18.96 | 21.58 | 24.38 | 27.37 | 30.55 | 33.92 | 37.48 | 41.22 |
| 0.004 | %C****** | 98.6 | 86.2 | 75.2 | 67.4 | 61.9 | 57.9 | 54.9 | 52.7 | 51.0 | 49.7 | 48.7 | 47.8 | 47.1 | 46.5 | 46.0 | 45.6 | 45.3 | 45.0 | 44.7 |
| | F 1.599 | 0.882 | 0.628 | 0.502 | 0.429 | 0.382 | 0.351 | 0.329 | 0.313 | 0.300 | 0.291 | 0.283 | 0.278 | 0.273 | 0.269 | 0.265 | 0.263 | 0.260 | 0.258 | 0.257 |
| | A 8.6 | 15.8 | 22.5 | 28.6 | 34.0 | 38.9 | 43.1 | 46.9 | 50.2 | 53.1 | 55.6 | 57.9 | 59.9 | 61.7 | 63.3 | 64.7 | 66.0 | 67.2 | 68.3 | 69.2 |
| | K****** | 1.22 | 1.87 | 2.58 | 3.40 | 4.32 | 5.35 | 6.51 | 7.80 | 9.22 | 10.78 | 12.47 | 14.30 | 16.27 | 18.37 | 20.62 | 23.01 | 25.54 | 28.22 | 31.03 |
| 0.005 | %C********** | 95.0 | 85.8 | 78.2 | 72.5 | 68.3 | 65.2 | 62.8 | 60.9 | 59.4 | 58.3 | 57.3 | 56.5 | 55.9 | 55.3 | 54.9 | 54.5 | 54.2 | 53.9 | |
| | F 1.933 | 1.084 | 0.776 | 0.623 | 0.533 | 0.476 | 0.437 | 0.410 | 0.390 | 0.375 | 0.363 | 0.354 | 0.347 | 0.341 | 0.336 | 0.332 | 0.328 | 0.325 | 0.323 | 0.321 |
| | A 8.9 | 16.1 | 22.7 | 28.8 | 34.2 | 39.1 | 43.3 | 47.0 | 50.3 | 53.2 | 55.7 | 57.9 | 59.9 | 61.7 | 63.3 | 64.8 | 66.1 | 67.2 | 68.3 | 69.3 |
| | K********** | 1.51 | 2.09 | 2.74 | 3.48 | 4.32 | 5.25 | 6.28 | 7.42 | 8.67 | 10.03 | 11.50 | 13.08 | 14.77 | 16.57 | 18.49 | 20.52 | 22.66 | 24.92 | |
| 0.006 | %C********** | 99.4 | 93.3 | 86.8 | 81.4 | 77.3 | 74.1 | 71.6 | 69.7 | 68.1 | 66.9 | 65.9 | 65.0 | 64.3 | 63.7 | 63.2 | 62.8 | 62.5 | 62.2 | |
| | F 2.247 | 1.279 | 0.922 | 0.742 | 0.636 | 0.569 | 0.523 | 0.491 | 0.467 | 0.449 | 0.435 | 0.424 | 0.416 | 0.409 | 0.403 | 0.398 | 0.394 | 0.390 | 0.387 | 0.385 |
| | A 9.2 | 16.3 | 23.0 | 29.0 | 34.4 | 39.2 | 43.5 | 47.2 | 50.4 | 53.3 | 55.8 | 58.0 | 60.0 | 61.8 | 63.4 | 64.8 | 66.1 | 67.3 | 68.3 | 69.3 |
| | K********** | 1.28 | 1.76 | 2.31 | 2.93 | 3.63 | 4.41 | 5.27 | 6.23 | 7.27 | 8.41 | 9.63 | 10.95 | 12.37 | 13.87 | 15.47 | 17.17 | 18.96 | 20.84 | |
| 0.007 | %C********** | 98.0 | 93.2 | 88.5 | 84.7 | 81.6 | 79.2 | 77.3 | 75.7 | 74.5 | 73.4 | 72.6 | 71.9 | 71.3 | 70.8 | 70.3 | 69.9 | 69.6 | | |
| | F 2.542 | 1.469 | 1.065 | 0.859 | 0.739 | 0.661 | 0.609 | 0.571 | 0.544 | 0.523 | 0.507 | 0.495 | 0.485 | 0.476 | 0.470 | 0.464 | 0.459 | 0.455 | 0.452 | 0.449 |
| | A 9.5 | 16.6 | 23.2 | 29.3 | 34.7 | 39.4 | 43.6 | 47.3 | 50.5 | 53.4 | 55.9 | 58.1 | 60.1 | 61.9 | 63.4 | 64.9 | 66.1 | 67.3 | 68.4 | 69.4 |
| | K********** | 1.53 | 2.00 | 2.53 | 3.13 | 3.81 | 4.55 | 5.37 | 6.27 | 7.25 | 8.30 | 9.43 | 10.65 | 11.94 | 13.32 | 14.78 | 16.31 | 17.93 | | |
| 0.008 | %C********** | 99.9 | 97.4 | 93.9 | 90.6 | 87.9 | 85.6 | 83.8 | 82.3 | 81.1 | 80.0 | 79.2 | 78.5 | 77.9 | 77.4 | 77.0 | 76.6 | 76.3 | | |
| | F 2.819 | 1.652 | 1.204 | 0.975 | 0.840 | 0.753 | 0.694 | 0.652 | 0.621 | 0.597 | 0.579 | 0.565 | 0.553 | 0.544 | 0.536 | 0.530 | 0.525 | 0.520 | 0.516 | 0.513 |
| | A 9.8 | 16.9 | 23.5 | 29.5 | 34.9 | 39.6 | 43.8 | 47.4 | 50.7 | 53.5 | 56.0 | 58.2 | 60.2 | 61.9 | 63.5 | 64.9 | 66.2 | 67.4 | 68.4 | 69.4 |
| | K********** | 1.35 | 1.77 | 2.24 | 2.76 | 3.35 | 4.01 | 4.73 | 5.52 | 6.38 | 7.30 | 8.30 | 9.36 | 10.50 | 11.70 | 12.98 | 14.33 | 15.75 | | |
| 0.010 | %C********** | 99.6 | 98.1 | 96.4 | 94.9 | 93.5 | 92.3 | 91.3 | 90.4 | 89.7 | 89.1 | 88.6 | 88.1 | 87.7 | 87.4 | 87.1 | | | | |
| | F 3.329 | 2.002 | 1.476 | 1.202 | 1.039 | 0.934 | 0.862 | 0.811 | 0.773 | 0.744 | 0.722 | 0.705 | 0.691 | 0.679 | 0.670 | 0.662 | 0.655 | 0.650 | 0.645 | 0.641 |
| | A 10.4 | 17.4 | 24.0 | 29.9 | 35.3 | 40.0 | 44.1 | 47.7 | 50.9 | 53.7 | 56.2 | 58.4 | 60.3 | 62.1 | 63.6 | 65.0 | 66.3 | 67.5 | 68.5 | 69.5 |
| | K********** | 1.82 | 2.25 | 2.72 | 3.25 | 3.83 | 4.47 | 5.16 | 5.90 | 6.70 | 7.56 | 8.47 | 9.44 | 10.47 | 11.55 | 12.69 | | | | |

CARRIERS 36 PICKS 15 ENDS 7

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ********** | 97.2 | 88.7 | 81.1 | 75.4 | 71.1 | 67.8 | 65.3 | 63.4 | 61.8 | 60.6 | 59.6 | 58.8 | 58.1 | 57.6 | 57.1 | 56.7 | 56.3 | 56.0 | |
| | F | 2.172 | 1.178 | 0.833 | 0.664 | 0.566 | 0.504 | 0.462 | 0.432 | 0.411 | 0.395 | 0.382 | 0.372 | 0.365 | 0.358 | 0.353 | 0.349 | 0.345 | 0.342 | 0.339 | 0.337 |
| | A | 8.3 | 15.5 | 22.2 | 28.3 | 33.8 | 38.7 | 43.0 | 46.7 | 50.0 | 53.0 | 55.5 | 57.8 | 59.8 | 61.6 | 63.2 | 64.6 | 66.0 | 67.1 | 68.2 | 69.2 |
| | K | ********** | 1.40 | 1.95 | 2.56 | 3.26 | 4.04 | 4.92 | 5.90 | 6.98 | 8.16 | 9.45 | 10.84 | 12.33 | 13.93 | 15.64 | 17.46 | 19.38 | 21.41 | 23.55 | |
| 0.004 | %C | ********** | 98.5 | 93.8 | 89.1 | 85.1 | 82.0 | 79.5 | 77.5 | 75.9 | 74.6 | 73.5 | 72.7 | 71.9 | 71.3 | 70.8 | 70.4 | 70.0 | 69.7 | | |
| | F | 2.798 | 1.544 | 1.099 | 0.878 | 0.750 | 0.669 | 0.614 | 0.575 | 0.547 | 0.525 | 0.509 | 0.496 | 0.485 | 0.477 | 0.470 | 0.465 | 0.460 | 0.456 | 0.452 | 0.449 |
| | A | 8.6 | 15.9 | 22.5 | 28.6 | 34.0 | 38.9 | 43.1 | 46.9 | 50.2 | 53.1 | 55.6 | 57.9 | 59.9 | 61.7 | 63.3 | 64.7 | 66.0 | 67.2 | 68.3 | 69.2 |
| | K | ********** | 1.48 | 1.94 | 2.47 | 3.06 | 3.72 | 4.46 | 5.27 | 6.16 | 7.12 | 8.17 | 9.29 | 10.50 | 11.78 | 13.15 | 14.60 | 16.12 | 17.73 | | |
| 0.005 | %C | ********** | 99.6 | 97.2 | 94.5 | 92.0 | 89.9 | 88.2 | 86.7 | 85.5 | 84.5 | 83.7 | 83.0 | 82.4 | 81.9 | 81.5 | 81.1 | 80.8 | | | |
| | F | 3.383 | 1.897 | 1.359 | 1.090 | 0.933 | 0.833 | 0.765 | 0.718 | 0.682 | 0.656 | 0.635 | 0.619 | 0.607 | 0.596 | 0.588 | 0.580 | 0.574 | 0.569 | 0.565 | 0.561 |
| | A | 8.9 | 16.1 | 22.7 | 28.8 | 34.2 | 39.1 | 43.3 | 47.0 | 50.3 | 53.2 | 55.7 | 57.9 | 59.9 | 61.7 | 63.3 | 64.8 | 66.1 | 67.2 | 68.3 | 69.3 |
| | K | ********** | 1.57 | 1.99 | 2.47 | 3.00 | 3.59 | 4.24 | 4.96 | 5.73 | 6.57 | 7.47 | 8.44 | 9.47 | 10.57 | 11.72 | 12.95 | 14.24 | | | |
| 0.006 | %C | ********** | 100.0 | 99.3 | 98.0 | 96.7 | 95.4 | 94.3 | 93.4 | 92.6 | 91.9 | 91.3 | 90.8 | 90.3 | 90.0 | 89.6 | 89.3 | | | | |
| | F | 3.932 | 2.239 | 1.614 | 1.298 | 1.114 | 0.996 | 0.916 | 0.859 | 0.817 | 0.786 | 0.762 | 0.743 | 0.727 | 0.715 | 0.705 | 0.696 | 0.689 | 0.683 | 0.678 | 0.673 |
| | A | 9.2 | 16.3 | 23.0 | 29.0 | 34.4 | 39.2 | 43.5 | 47.2 | 50.4 | 53.3 | 55.8 | 58.0 | 60.0 | 61.8 | 63.4 | 64.8 | 66.1 | 67.3 | 68.3 | 69.3 |
| | K | ********** | 1.67 | 2.07 | 2.52 | 3.01 | 3.56 | 4.15 | 4.80 | 5.50 | 6.26 | 7.07 | 7.93 | 8.84 | 9.81 | 10.83 | 11.91 | | | | |
| 0.007 | %C | ********** | 99.8 | 99.3 | 98.7 | 98.2 | 97.7 | 97.2 | 96.8 | 96.5 | 96.1 | 95.9 | 95.6 | 95.4 | | | | | | | |
| | F | 4.448 | 2.570 | 1.863 | 1.504 | 1.293 | 1.157 | 1.065 | 1.000 | 0.952 | 0.916 | 0.888 | 0.866 | 0.848 | 0.834 | 0.822 | 0.812 | 0.804 | 0.797 | 0.791 | 0.785 |
| | A | 9.5 | 16.6 | 23.2 | 29.3 | 34.7 | 39.4 | 43.6 | 47.3 | 50.5 | 53.4 | 55.9 | 58.1 | 60.1 | 61.9 | 63.4 | 64.9 | 66.1 | 67.3 | 68.4 | 69.4 |
| | K | ********** | 2.60 | 3.07 | 3.58 | 4.14 | 4.74 | 5.39 | 6.09 | 6.83 | 7.61 | 8.44 | 9.32 | 10.25 | | | | | | | |
| 0.008 | %C | ********** | 100.0 | 99.9 | 99.8 | 99.6 | 99.5 | 99.3 | 99.2 | 99.1 | 98.9 | | | | | | | | | | |
| | F | 4.933 | 2.891 | 2.108 | 1.707 | 1.470 | 1.318 | 1.214 | 1.140 | 1.086 | 1.045 | 1.013 | 0.988 | 0.968 | 0.952 | 0.939 | 0.927 | 0.918 | 0.910 | 0.903 | 0.897 |
| | A | 9.8 | 16.9 | 23.5 | 29.5 | 34.9 | 39.6 | 43.8 | 47.4 | 50.7 | 53.5 | 56.0 | 58.2 | 60.2 | 61.9 | 63.5 | 64.9 | 66.2 | 67.4 | 68.4 | 69.4 |
| | K | ********** | 3.64 | 4.17 | 4.74 | 5.35 | 6.00 | 6.69 | 7.42 | 8.19 | 9.00 | | | | | | | | | | |
| 0.010 | %C | ********** | | | | | | | | | | | | | | | | | | | |
| | F | 5.825 | 3.503 | 2.582 | 2.104 | 1.819 | 1.635 | 1.509 | 1.419 | 1.353 | 1.303 | 1.264 | 1.233 | 1.209 | 1.189 | 1.172 | 1.158 | 1.147 | 1.137 | 1.128 | 1.121 |
| | A | 10.4 | 17.4 | 24.0 | 29.9 | 35.3 | 40.0 | 44.1 | 47.7 | 50.9 | 53.7 | 56.2 | 58.4 | 60.3 | 62.1 | 63.6 | 65.0 | 66.3 | 67.5 | 68.5 | 69.5 |
| | K | ********** | | | | | | | | | | | | | | | | | | | |

41

| | CARRIERS | PICKS | ENDS |
|---|---|---|---|
| | 36 | 15 | 10 |

| SIR.DIA. | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C********** | | | | 99.7 | 96.3 | 92.1 | 88.4 | 85.4 | 82.9 | 81.0 | 79.4 | 78.1 | 77.0 | 76.2 | 75.4 | 74.8 | 74.3 | 73.8 | 73.4 | 73.1 |
| | F 3.102 | 1.683 | 1.190 | 0.948 | 0.808 | 0.720 | 0.660 | 0.618 | 0.587 | 0.564 | 0.546 | 0.532 | 0.521 | 0.512 | 0.504 | 0.498 | 0.493 | 0.488 | 0.485 | 0.481 |
| | A 8.3 | 15.5 | 22.2 | 28.3 | 33.8 | 38.7 | 43.0 | 46.7 | 50.0 | 53.0 | 55.5 | 57.8 | 59.8 | 61.6 | 63.2 | 64.6 | 66.0 | 67.1 | 68.2 | 69.2 |
| | K********** | | | 1.36 | 1.79 | 2.28 | 2.83 | 3.45 | 4.13 | 4.89 | 5.71 | 6.61 | 7.58 | 8.63 | 9.75 | 10.95 | 12.22 | 13.57 | 14.99 | 16.49 |
| 0.004 | %C********** | | | | 99.8 | 98.5 | 96.8 | 95.2 | 93.8 | 92.6 | 91.5 | 90.6 | 89.9 | 89.2 | 88.7 | 88.2 | 87.8 | 87.5 | 87.2 | |
| | F 3.997 | 2.205 | 1.570 | 1.255 | 1.072 | 0.956 | 0.877 | 0.822 | 0.781 | 0.751 | 0.727 | 0.709 | 0.694 | 0.682 | 0.672 | 0.664 | 0.657 | 0.651 | 0.646 | 0.642 |
| | A 8.6 | 15.8 | 22.5 | 28.6 | 34.0 | 38.9 | 43.1 | 46.9 | 50.2 | 53.1 | 55.6 | 57.9 | 59.9 | 61.7 | 63.3 | 64.7 | 66.0 | 67.2 | 68.3 | 69.2 |
| | K********** | | | | 1.73 | 2.14 | 2.60 | 3.12 | 3.69 | 4.31 | 4.99 | 5.72 | 6.51 | 7.35 | 8.25 | 9.21 | 10.22 | 11.29 | 12.41 | |
| 0.005 | %C********** | | | | | | | | | 99.9 | 99.6 | 99.2 | 98.7 | 98.2 | 97.8 | 97.4 | 97.1 | 96 | 96.5 | 96.3 | 96.1 |
| | F 4.833 | 2.710 | 1.941 | 1.557 | 1.333 | 1.190 | 1.094 | 1.025 | 0.975 | 0.937 | 0.908 | 0.885 | 0.867 | 0.852 | 0.839 | 0.829 | 0.821 | 3 | 0.807 | 0.802 |
| | A 8.9 | 16.1 | 22.7 | 28.8 | 34.2 | 39.1 | 43.3 | 47.0 | 50.3 | 53.2 | 55.7 | 57.9 | 59.9 | 61.7 | 63.3 | 64.8 | 66.1 | 67 | 68.3 | 69.3 |
| | K********** | | | | | | | | | 2.51 | 2.97 | 3.47 | 4.01 | 4.60 | 5.23 | 5.9 | 3 | 7.40 | 8.2 | 9.06 | 9.97 |
| 0.006 | %C********** | | | | | | | | | | | | | | | | 10 | 100.0 | 9 | 99.9 | 99.9 |
| | F 5.617 | 3.199 | 2.305 | 1.855 | 1.591 | 1.423 | 1.308 | 1.227 | 1.168 | 1.123 | 1.088 | 1.061 | 1.039 | 1.021 | 1.007 | 0.9 | 0.984 | 0. .5 | 0.968 | 0.962 |
| | A 9.2 | 16.3 | 23.0 | 29.0 | 34.4 | 39.2 | 43.5 | 47.2 | 50.4 | 53.3 | 55.8 | 58.0 | 60.0 | 61.8 | 63.4 | 64 | 66.1 | .3 | 68.3 | 69.3 |
| | K********** | | | | | | | | | | | | | | | 5. | | 6.87 | 7.58 | 8.34 |
| 0.007 | %C********** | | | | | | | | | | | | | | | | | | | |
| | F 6.354 | 3.672 | 2.661 | 2.148 | 1.847 | 1.653 | 1.522 | 1.429 | 1.360 | 1.308 | 1.268 | 1.237 | 1.211 | 1.191 | 1.174 | 1.160 | 1.148 | 1.138 | 1.129 | 1.122 |
| | A 9.5 | 16.6 | 23.2 | 29.3 | 34.7 | 39.4 | 43.6 | 47.3 | 50.5 | 53.4 | 55.9 | 58.1 | 60.1 | 61.9 | 63.4 | 64.9 | 66.1 | 67.3 | 68.4 | 69.4 |
| | K********** | | | | | | | | | | | | | | | | | | | |
| 0.008 | %C********** | | | | | | | | | | | | | | | | | | | |
| | F 7.048 | 4.130 | 3.011 | 2.438 | 2.100 | 1.883 | 1.734 | 1.629 | 1.552 | 1.493 | 1.448 | 1.412 | 1.383 | 1.360 | 1.341 | 1.325 | 1.312 | 1.300 | 1.290 | 1.282 |
| | A 9.8 | 16.9 | 23.5 | 29.5 | 34.9 | 39.6 | 43.8 | 47.4 | 50.7 | 53.5 | 56.0 | 58.2 | 60.2 | 61.9 | 63.5 | 64.9 | 66.2 | 67.4 | 68.4 | 69.4 |
| | K********** | | | | | | | | | | | | | | | | | | | |
| 0.010 | %C********** | | | | | | | | | | | | | | | | | | | |
| | F 8.321 | 5.005 | 3.689 | 3.005 | 2.599 | 2.336 | 2.156 | 2.028 | 1.933 | 1.861 | 1.804 | 1.762 | 1.727 | 1.698 | 1.674 | 1.655 | 1.638 | 1.624 | 1.612 | 1.602 |
| | A 10.4 | 17.4 | 24.0 | 29.9 | 35.3 | 40.0 | 44.1 | 47.7 | 50.9 | 53.7 | 56.2 | 58.4 | 60.3 | 62.1 | 63.6 | 65.0 | 66.3 | 67.5 | 68.5 | 69.5 |
| | K********** | | | | | | | | | | | | | | | | | | | |

CARRIERS 48 PICKS 3 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 98.2 | 83.1 | 69.6 | 59.0 | 51.2 | 45.2 | 40.5 | 36.7 | 33.5 | 30.9 | 28.7 | 26.8 | 25.1 | 23.7 | 22.4 | 21.3 | 20.3 | 19.4 | 18.6 |
| | F 1.637 | 0.866 | 0.589 | 0.446 | 0.360 | 0.302 | 0.260 | 0.229 | 0.204 | 0.185 | 0.169 | 0.156 | 0.144 | 0.135 | 0.126 | 0.119 | 0.113 | 0.107 | 0.102 | 0.098 |
| | A 1.3 | 2.4 | 3.5 | 4.6 | 5.7 | 6.9 | 8.0 | 9.1 | 10.2 | 11.2 | 12.3 | 13.4 | 14.4 | 15.5 | 16.5 | 17.6 | 18.6 | 19.6 | 20.6 | 21.6 |
| | K****** | 1.16 | 1.70 | 2.25 | 2.81 | 3.36 | 3.92 | 4.48 | 5.05 | 5.63 | 6.21 | 6.80 | 7.39 | 7.99 | 8.60 | 9.22 | 9.85 | 10.49 | 11.14 | 11.80 |
| 0.004 | %C********** | 94.9 | 83.2 | 72.6 | 64.0 | 57.1 | 51.5 | 46.9 | 43.1 | 39.8 | 37.1 | 34.7 | 32.6 | 30.8 | 29.2 | 27.8 | 26.5 | 25.4 | 24.4 | |
| | F 2.108 | 1.133 | 0.775 | 0.590 | 0.476 | 0.400 | 0.345 | 0.303 | 0.271 | 0.245 | 0.224 | 0.207 | 0.192 | 0.179 | 0.168 | 0.159 | 0.150 | 0.143 | 0.136 | 0.130 |
| | A 1.3 | 2.4 | 3.6 | 4.7 | 5.8 | 6.9 | 8.0 | 9.1 | 10.2 | 11.3 | 12.4 | 13.4 | 14.5 | 15.5 | 16.6 | 17.6 | 18.6 | 19.6 | 20.6 | 21.6 |
| | K********** | 1.30 | 1.71 | 2.12 | 2.54 | 2.96 | 3.38 | 3.81 | 4.24 | 4.67 | 5.11 | 5.56 | 6.01 | 6.47 | 6.94 | 7.41 | 7.89 | 8.37 | 8.87 | |
| 0.005 | %C********** | 99.8 | 93.7 | 83.2 | 74.6 | 67.4 | 61.2 | 56.1 | 51.8 | 48.1 | 44.9 | 42.1 | 39.7 | 37.6 | 35.7 | 34.0 | 32.5 | 31.1 | 29.9 | |
| | F 2.547 | 1.390 | 0.957 | 0.730 | 0.591 | 0.497 | 0.429 | 0.377 | 0.338 | 0.306 | 0.279 | 0.258 | 0.239 | 0.223 | 0.210 | 0.198 | 0.188 | 0.178 | 0.170 | 0.163 |
| | A 1.3 | 2.5 | 3.6 | 4.7 | 5.8 | 6.9 | 8.0 | 9.1 | 10.2 | 11.3 | 12.4 | 13.5 | 14.5 | 15.6 | 16.6 | 17.6 | 18.7 | 19.7 | 20.7 | 21.6 |
| | K********** | 1.05 | 1.38 | 1.71 | 2.04 | 2.38 | 2.72 | 3.06 | 3.40 | 3.75 | 4.11 | 4.46 | 4.82 | 5.19 | 5.56 | 5.94 | 6.32 | 6.71 | 7.11 | |
| 0.006 | %C********** | 98.3 | 91.2 | 83.4 | 76.1 | 69.8 | 64.4 | 59.7 | 55.7 | 52.1 | 49.0 | 46.3 | 43.9 | 41.8 | 39.9 | 38.1 | 36.6 | 35.2 | | |
| | F 2.958 | 1.639 | 1.134 | 0.868 | 0.703 | 0.592 | 0.512 | 0.451 | 0.403 | 0.365 | 0.334 | 0.308 | 0.286 | 0.267 | 0.251 | 0.237 | 0.225 | 0.214 | 0.204 | 0.195 |
| | A 1.4 | 2.5 | 3.6 | 4.8 | 5.9 | 7.0 | 8.1 | 9.2 | 10.3 | 11.4 | 12.4 | 13.5 | 14.6 | 15.6 | 16.7 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 |
| | K********** | 1.16 | 1.44 | 1.71 | 1.99 | 2.28 | 2.56 | 2.85 | 3.14 | 3.43 | 3.73 | 4.03 | 4.34 | 4.65 | 4.96 | 5.28 | 5.61 | 5.94 | | |
| 0.007 | %C********** | 96.6 | 90.2 | 83.5 | 77.3 | 71.8 | 66.9 | 62.6 | 58.8 | 55.5 | 52.5 | 49.9 | 47.6 | 45.5 | 43.5 | 41.8 | 40.3 | | | |
| | F 3.343 | 1.878 | 1.307 | 1.003 | 0.815 | 0.686 | 0.594 | 0.523 | 0.469 | 0.425 | 0.388 | 0.358 | 0.333 | 0.311 | 0.292 | 0.276 | 0.261 | 0.249 | 0.237 | 0.227 |
| | A 1.4 | 2.6 | 3.7 | 4.8 | 5.9 | 7.0 | 8.1 | 9.2 | 10.3 | 11.4 | 12.5 | 13.6 | 14.6 | 15.7 | 16.7 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 |
| | K********** | 1.24 | 1.48 | 1.72 | 1.96 | 2.20 | 2.45 | 2.70 | 2.95 | 3.21 | 3.47 | 3.73 | 4.00 | 4.27 | 4.54 | 4.82 | 5.10 | | | |
| 0.008 | %C********** | 99.4 | 95.1 | 89.4 | 83.6 | 78.2 | 73.3 | 68.9 | 65.0 | 61.5 | 58.4 | 55.5 | 53.0 | 50.7 | 48.7 | 46.8 | 45.1 | | | |
| | F 3.705 | 2.110 | 1.476 | 1.136 | 0.924 | 0.780 | 0.675 | 0.595 | 0.533 | 0.483 | 0.442 | 0.408 | 0.379 | 0.355 | 0.333 | 0.315 | 0.298 | 0.284 | 0.271 | 0.259 |
| | A 1.5 | 2.6 | 3.7 | 4.8 | 6.0 | 7.1 | 8.2 | 9.3 | 10.4 | 11.5 | 12.5 | 13.6 | 14.7 | 15.7 | 16.7 | 17.8 | 18.8 | 19.8 | 20.8 | 21.8 |
| | K********** | 1.09 | 1.30 | 1.51 | 1.72 | 1.94 | 2.15 | 2.37 | 2.59 | 2.82 | 3.04 | 3.27 | 3.51 | 3.74 | 3.98 | 4.23 | 4.47 | | | |
| 0.010 | %C********** | 99.9 | 97.3 | 93.1 | 88.5 | 84.0 | 79.7 | 75.7 | 72.1 | 68.8 | 65.7 | 63.0 | 60.5 | 58.2 | 56.1 | 54.1 | | | | |
| | F 4.367 | 2.549 | 1.802 | 1.394 | 1.138 | 0.962 | 0.835 | 0.737 | 0.661 | 0.600 | 0.549 | 0.507 | 0.472 | 0.441 | 0.415 | 0.391 | 0.371 | 0.353 | 0.337 | 0.323 |
| | A 1.6 | 2.7 | 3.8 | 4.9 | 6.1 | 7.2 | 8.3 | 9.4 | 10.5 | 11.5 | 12.6 | 13.7 | 14.7 | 15.8 | 16.8 | 17.8 | 18.9 | 19.9 | 20.9 | 21.8 |
| | K********** | 1.06 | 1.22 | 1.39 | 1.56 | 1.74 | 1.91 | 2.09 | 2.27 | 2.45 | 2.63 | 2.82 | 3.01 | 3.20 | 3.40 | 3.60 | | | | |

| | | CARRIERS | PICKS | ENDS |
|---|---|---|---|---|
| | | 48 | 3 | 7 |

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ********** | ********** | ********** | 95.2 | 86.3 | 77.7 | 70.3 | 64.0 | 58.7 | 54.2 | 50.3 | 47.0 | 44.1 | 41.6 | 39.4 | 37.4 | 35.6 | 34.1 | 32.6 | 31.4 |
| | F | 2.865 | 1.515 | 1.030 | 0.781 | 0.630 | 0.528 | 0.455 | 0.400 | 0.357 | 0.323 | 0.295 | 0.272 | 0.253 | 0.236 | 0.221 | 0.209 | 0.198 | 0.188 | 0.179 | 0.171 |
| | A | 1.3 | 2.4 | 3.5 | 4.6 | 5.7 | 6.9 | 8.0 | 9.1 | 10.2 | 11.2 | 12.3 | 13.4 | 14.4 | 15.5 | 16.5 | 17.6 | 18.6 | 19.6 | 20.6 | 21.6 |
| | K | ********** | ********** | ********** | 1.29 | 1.60 | 1.92 | 2.24 | 2.56 | 2.89 | 3.22 | 3.55 | 3.88 | 4.22 | 4.57 | 4.92 | 5.27 | 5.63 | 5.99 | 6.37 | 6.74 |
| 0.004 | %C | ********** | ********** | ********** | ********** | 97.2 | 91.0 | 84.3 | 78.0 | 72.4 | 67.4 | 63.1 | 59.3 | 55.9 | 52.9 | 50.2 | 47.8 | 45.7 | 43.8 | 42.0 | 40.4 |
| | F | 3.689 | 1.982 | 1.356 | 1.032 | 0.833 | 0.700 | 0.603 | 0.531 | 0.475 | 0.429 | 0.392 | 0.362 | 0.336 | 0.314 | 0.294 | 0.278 | 0.263 | 0.250 | 0.239 | 0.228 |
| | A | 1.3 | 2.4 | 3.6 | 4.7 | 5.8 | 6.9 | 8.0 | 9.1 | 10.2 | 11.3 | 12.4 | 13.4 | 14.5 | 15.5 | 16.6 | 17.6 | 18.6 | 19.6 | 20.6 | 21.6 |
| | K | ********** | ********** | ********** | ********** | 1.21 | 1.45 | 1.69 | 1.93 | 2.18 | 2.42 | 2.67 | 2.92 | 3.18 | 3.44 | 3.70 | 3.96 | 4.23 | 4.51 | 4.79 | 5.07 |
| 0.005 | %C | ********** | ********** | ********** | ********** | ********** | 98.3 | 93.8 | 88.5 | 83.2 | 78.3 | 73.9 | 69.8 | 66.2 | 62.9 | 60.0 | 57.3 | 54.9 | 52.7 | 50.7 | 48.8 |
| | F | 4.458 | 2.443 | 1.674 | 1.278 | 1.034 | 0.869 | 0.750 | 0.661 | 0.591 | 0.535 | 0.489 | 0.451 | 0.419 | 0.391 | 0.367 | 0.346 | 0.328 | 0.312 | 0.298 | 0.285 |
| | A | 1.3 | 2.5 | 3.6 | 4.7 | 5.8 | 6.9 | 8.0 | 9.1 | 10.2 | 11.3 | 12.4 | 13.5 | 14.5 | 15.6 | 16.6 | 17.6 | 18.7 | 19.7 | 20.7 | 21.6 |
| | K | ********** | ********** | ********** | ********** | ********** | 1.17 | 1.36 | 1.55 | 1.75 | 1.95 | 2.14 | 2.35 | 2.55 | 2.76 | 2.97 | 3.18 | 3.39 | 3.61 | 3.84 | 4.06 |
| 0.006 | %C | ********** | ********** | ********** | ********** | ********** | ********** | 98.9 | 95.5 | 91.3 | 87.0 | 82.7 | 78.8 | 75.1 | 71.7 | 68.6 | 65.7 | 63.2 | 60.8 | 58.6 | 56.6 |
| | F | 5.177 | 2.868 | 1.985 | 1.519 | 1.231 | 1.036 | 0.895 | 0.789 | 0.706 | 0.639 | 0.585 | 0.539 | 0.501 | 0.468 | 0.440 | 0.415 | 0.393 | 0.374 | 0.357 | 0.341 |
| | A | 1.4 | 2.5 | 3.6 | 4.8 | 5.9 | 7.0 | 8.1 | 9.2 | 10.3 | 11.4 | 12.4 | 13.5 | 14.6 | 15.6 | 16.7 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | 1.14 | 1.30 | 1.46 | 1.63 | 1.79 | 1.96 | 2.13 | 2.30 | 2.48 | 2.66 | 2.84 | 3.02 | 3.21 | 3.39 |
| 0.007 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 99.3 | 96.8 | 93.4 | 89.7 | 86.1 | 82.6 | 79.3 | 76.1 | 73.2 | 70.6 | 68.1 | 65.8 | 63.7 |
| | F | 5.851 | 3.287 | 2.287 | 1.755 | 1.426 | 1.201 | 1.039 | 0.916 | 0.820 | 0.743 | 0.680 | 0.627 | 0.583 | 0.544 | 0.512 | 0.483 | 0.458 | 0.435 | 0.415 | 0.397 |
| | A | 1.4 | 2.6 | 3.7 | 4.8 | 5.9 | 7.0 | 8.1 | 9.2 | 10.3 | 11.4 | 12.5 | 13.6 | 14.6 | 15.7 | 16.7 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.12 | 1.26 | 1.40 | 1.54 | 1.69 | 1.83 | 1.98 | 2.13 | 2.28 | 2.44 | 2.59 | 2.75 | 2.92 |
| 0.008 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 99.6 | 97.6 | 94.9 | 91.9 | 88.7 | 85.6 | 82.6 | 79.8 | 77.1 | 74.6 | 72.3 | 70.1 |
| | F | 6.484 | 3.692 | 2.583 | 1.988 | 1.617 | 1.364 | 1.181 | 1.042 | 0.933 | 0.846 | 0.774 | 0.715 | 0.664 | 0.621 | 0.583 | 0.551 | 0.522 | 0.496 | 0.474 | 0.453 |
| | A | 1.5 | 2.6 | 3.7 | 4.8 | 6.0 | 7.1 | 8.2 | 9.3 | 10.4 | 11.5 | 12.5 | 13.6 | 14.7 | 15.7 | 16.7 | 17.8 | 18.8 | 19.8 | 20.8 | 21.8 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.11 | 1.23 | 1.36 | 1.48 | 1.61 | 1.74 | 1.87 | 2.00 | 2.14 | 2.28 | 2.42 | 2.56 |
| 0.010 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 99.9 | 98.7 | 96.9 | 94.8 | 92.5 | 90.1 | 87.7 | 85.4 | 83.2 | 81.1 |
| | F | 7.642 | 4.461 | 3.153 | 2.440 | 1.992 | 1.684 | 1.460 | 1.290 | 1.157 | 1.050 | 0.961 | 0.888 | 0.825 | 0.772 | 0.726 | 0.685 | 0.650 | 0.618 | 0.590 | 0.565 |
| | A | 1.6 | 2.7 | 3.8 | 4.9 | 6.1 | 7.2 | 8.3 | 9.4 | 10.5 | 11.5 | 12.6 | 13.7 | 14.7 | 15.8 | 16.8 | 17.8 | 18.9 | 19.9 | 20.9 | 21.8 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.09 | 1.19 | 1.30 | 1.40 | 1.50 | 1.61 | 1.72 | 1.83 | 1.94 | 2.05 |

| | | CARRIERS | PICKS | ENDS |
|---|---|---|---|---|
| | | 48 | 3 | 10 |

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ********** | ********** | ********** | ********** | 99.0 | 94.0 | 87.8 | 81.6 | 76.0 | 71.0 | 66.6 | 62.6 | 59.1 | 56.0 | 53.2 | 50.8 | 48.5 | 46.5 | 44.7 | 43.0 |
| | F | 4.094 | 2.164 | 1.472 | 1.116 | 0.900 | 0.754 | 0.650 | 0.572 | 0.511 | 0.462 | 0.422 | 0.389 | 0.361 | 0.337 | 0.316 | 0.298 | 0.282 | 0.268 | 0.256 | 0.245 |
| | A | 1.3 | 2.4 | 3.5 | 4.6 | 5.7 | 6.9 | 8.0 | 9.1 | 10.2 | 11.2 | 12.3 | 13.4 | 14.4 | 15.5 | 16.5 | 17.6 | 18.6 | 19.6 | 20.6 | 21.6 |
| | K | ********** | ********** | ********** | ********** | 1.12 | 1.34 | 1.57 | 1.79 | 2.02 | 2.25 | 2.48 | 2.72 | 2.96 | 3.20 | 3.44 | 3.69 | 3.94 | 4.20 | 4.46 | 4.72 |
| 0.004 | %C | ********** | ********** | ********** | ********** | 100.0 | 98.1 | 94.2 | 89.6 | 85.1 | 80.7 | 76.6 | 72.9 | 69.5 | 66.4 | 63.5 | 61.0 | 58.7 | 56.5 | 54.6 | |
| | F | 5.270 | 2.832 | 1.938 | 1.474 | 1.190 | 0.999 | 0.862 | 0.759 | 0.678 | 0.613 | 0.561 | 0.517 | 0.480 | 0.448 | 0.421 | 0.397 | 0.376 | 0.357 | 0.341 | 0.326 |
| | A | 1.3 | 2.4 | 3.6 | 4.7 | 5.8 | 6.9 | 8.0 | 9.1 | 10.2 | 11.3 | 12.4 | 13.4 | 14.5 | 15.5 | 16.6 | 17.6 | 18.6 | 19.6 | 20.6 | 21.6 |
| | K | ********** | ********** | ********** | ********** | 1.02 | 1.18 | 1.35 | 1.52 | 1.70 | 1.87 | 2.05 | 2.22 | 2.40 | 2.59 | 2.77 | 2.96 | 3.15 | 3.35 | 3.55 | |
| 0.005 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 99.7 | 97.6 | 94.4 | 90.9 | 87.3 | 83.8 | 80.5 | 77.4 | 74.5 | 71.8 | 69.3 | 67.0 | 64.8 | |
| | F | 6.368 | 3.476 | 2.392 | 1.825 | 1.477 | 1.241 | 1.072 | 0.944 | 0.844 | 0.764 | 0.698 | 0.644 | 0.598 | 0.559 | 0.525 | 0.495 | 0.469 | 0.446 | 0.425 | 0.407 |
| | A | 1.3 | 2.5 | 3.6 | 4.7 | 5.8 | 6.9 | 8.0 | 9.1 | 10.2 | 11.3 | 12.4 | 13.5 | 14.5 | 15.6 | 16.6 | 17.6 | 18.7 | 19.7 | 20.7 | 21.6 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.09 | 1.22 | 1.36 | 1.50 | 1.64 | 1.78 | 1.93 | 2.08 | 2.23 | 2.38 | 2.53 | 2.69 | 2.84 | |
| 0.006 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 99.2 | 97.3 | 94.7 | 91.9 | 89.0 | 86.2 | 83.4 | 80.8 | 78.3 | 75.9 | 73.7 | |
| | F | 7.395 | 4.097 | 2.835 | 2.170 | 1.759 | 1.480 | 1.279 | 1.127 | 1.008 | 0.913 | 0.835 | 0.770 | 0.715 | 0.668 | 0.628 | 0.592 | 0.561 | 0.534 | 0.509 | 0.487 |
| | A | 1.4 | 2.5 | 3.6 | 4.8 | 5.9 | 7.0 | 8.1 | 9.2 | 10.3 | 11.4 | 12.4 | 13.5 | 14.6 | 15.6 | 16.7 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.14 | 1.26 | 1.37 | 1.49 | 1.61 | 1.74 | 1.86 | 1.99 | 2.11 | 2.24 | 2.38 | |
| 0.007 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 99.9 | 98.9 | 97.2 | 95.1 | 92.8 | 90.4 | 88.0 | 85.7 | 83.4 | 81.3 | |
| | F | 8.358 | 4.696 | 3.267 | 2.508 | 2.036 | 1.716 | 1.484 | 1.309 | 1.171 | 1.061 | 0.971 | 0.896 | 0.832 | 0.778 | 0.731 | 0.690 | 0.654 | 0.622 | 0.593 | 0.568 |
| | A | 1.4 | 2.6 | 3.7 | 4.8 | 5.9 | 7.0 | 8.1 | 9.2 | 10.3 | 11.4 | 12.5 | 13.6 | 14.6 | 15.7 | 16.7 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.08 | 1.18 | 1.28 | 1.39 | 1.49 | 1.60 | 1.71 | 1.82 | 1.93 | 2.04 | |
| 0.008 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 99.7 | 98.7 | 97.2 | 95.4 | 93.5 | 91.5 | 89.5 | 87.6 | |
| | F | 9.263 | 5.274 | 3.689 | 2.840 | 2.310 | 1.949 | 1.687 | 1.489 | 1.333 | 1.208 | 1.106 | 1.021 | 0.949 | 0.887 | 0.833 | 0.786 | 0.745 | 0.709 | 0.677 | 0.648 |
| | A | 1.5 | 2.6 | 3.7 | 4.8 | 6.0 | 7.1 | 8.2 | 9.3 | 10.4 | 11.5 | 12.5 | 13.6 | 14.7 | 15.7 | 16.7 | 17.8 | 18.8 | 19.8 | 20.8 | 21.8 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.13 | 1.22 | 1.31 | 1.40 | 1.50 | 1.59 | 1.69 | 1.79 | |
| 0.010 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 100.0 | 99.5 | 98.6 | 97.5 | 96.3 | |
| | F | 10.918 | 6.373 | 4.504 | 3.485 | 2.845 | 2.406 | 2.086 | 1.843 | 1.653 | 1.499 | 1.373 | 1.268 | 1.179 | 1.103 | 1.036 | 0.979 | 0.928 | 0.883 | 0.843 | 0.807 |
| | A | 1.6 | 2.7 | 3.8 | 4.9 | 6.1 | 7.2 | 8.3 | 9.4 | 10.5 | 11.5 | 12.6 | 13.7 | 14.7 | 15.8 | 16.8 | 17.8 | 18.9 | 19.9 | 20.9 | 21.8 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.13 | 1.20 | 1.28 | 1.36 | 1.44 | |

45

CARRIERS 48 PICKS 9 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C****** | 98.4 | 83.8 | 70.6 | 60.8 | 53.6 | 48.1 | 43.8 | 40.4 | 37.7 | 35.5 | 33.7 | 32.2 | 30.9 | 29.8 | 28.9 | 28.1 | 27.4 | 26.8 | 26.3 | |
| | F | 1.641 | 0.872 | 0.597 | 0.458 | 0.374 | 0.318 | 0.279 | 0.250 | 0.228 | 0.211 | 0.197 | 0.186 | 0.177 | 0.169 | 0.162 | 0.157 | 0.152 | 0.148 | 0.144 | 0.141 |
| | A | 3.8 | 7.1 | 10.4 | 13.6 | 16.8 | 19.8 | 22.8 | 25.6 | 28.2 | 30.8 | 33.2 | 35.5 | 37.7 | 39.8 | 41.7 | 43.5 | 45.2 | 46.9 | 48.4 | 49.8 |
| | K****** | | 1.17 | 1.73 | 2.31 | 2.92 | 3.55 | 4.21 | 4.91 | 5.65 | 6.43 | 7.25 | 8.12 | 9.04 | 10.02 | 11.04 | 12.12 | 13.26 | 14.45 | 15.71 | 17.02 |
| 0.004 | %C********** | | 95.5 | 84.4 | 74.5 | 66.6 | 60.4 | 55.4 | 51.5 | 48.2 | 45.6 | 43.3 | 41.5 | 39.9 | 38.6 | 37.4 | 36.4 | 35.5 | 34.8 | 34.1 | |
| | F | 2.112 | 1.141 | 0.787 | 0.605 | 0.495 | 0.422 | 0.371 | 0.332 | 0.303 | 0.280 | 0.262 | 0.247 | 0.235 | 0.225 | 0.216 | 0.209 | 0.203 | 0.197 | 0.192 | 0.188 |
| | A | 3.9 | 7.3 | 10.5 | 13.8 | 16.9 | 19.9 | 22.9 | 25.7 | 28.3 | 30.9 | 33.3 | 35.6 | 37.8 | 39.8 | 41.8 | 43.6 | 45.3 | 46.9 | 48.5 | 49.9 |
| | K********** | | 1.31 | 1.75 | 2.21 | 2.68 | 3.18 | 3.70 | 4.26 | 4.84 | 5.46 | 6.12 | 6.81 | 7.54 | 8.31 | 9.13 | 9.98 | 10.88 | 11.82 | 12.80 | |
| 0.005 | %C********** | | 99.9 | 93.7 | 85.1 | 77.4 | 70.9 | 65.6 | 61.3 | 57.7 | 54.7 | 52.2 | 50.0 | 48.2 | 46.7 | 45.3 | 44.2 | 43.2 | 42.3 | 41.5 | |
| | F | 2.553 | 1.401 | 0.972 | 0.750 | 0.615 | 0.525 | 0.461 | 0.414 | 0.378 | 0.350 | 0.327 | 0.308 | 0.293 | 0.281 | 0.270 | 0.261 | 0.253 | 0.246 | 0.240 | 0.235 |
| | A | 4.0 | 7.4 | 10.7 | 13.9 | 17.0 | 20.1 | 23.0 | 25.8 | 28.5 | 31.0 | 33.4 | 35.7 | 37.9 | 39.9 | 41.8 | 43.7 | 45.4 | 47.0 | 48.5 | 50.0 |
| | K********** | | 1.07 | 1.42 | 1.78 | 2.16 | 2.56 | 2.98 | 3.42 | 3.89 | 4.39 | 4.92 | 5.47 | 6.06 | 6.68 | 7.33 | 8.01 | 8.73 | 9.49 | 10.27 | |
| 0.006 | %C********** | | 98.8 | 92.8 | 86.0 | 79.8 | 74.5 | 70.0 | 66.2 | 62.9 | 60.2 | 57.9 | 55.9 | 54.2 | 52.7 | 51.4 | 50.3 | 49.3 | 48.4 | | |
| | F | 2.965 | 1.651 | 1.152 | 0.891 | 0.732 | 0.626 | 0.551 | 0.495 | 0.452 | 0.418 | 0.391 | 0.369 | 0.351 | 0.336 | 0.323 | 0.312 | 0.303 | 0.295 | 0.288 | 0.282 |
| | A | 4.2 | 7.5 | 10.8 | 14.0 | 17.2 | 20.2 | 23.1 | 25.9 | 28.6 | 31.1 | 33.5 | 35.8 | 38.0 | 40.0 | 41.9 | 43.7 | 45.4 | 47.1 | 48.6 | 50.0 |
| | K********** | | 1.19 | 1.50 | 1.81 | 2.15 | 2.50 | 2.87 | 3.26 | 3.68 | 4.12 | 4.58 | 5.07 | 5.59 | 6.13 | 6.70 | 7.30 | 7.93 | 8.59 | | |
| 0.007 | %C********** | | 97.7 | 92.5 | 87.0 | 81.9 | 77.5 | 73.6 | 70.3 | 67.5 | 65.1 | 63.0 | 61.1 | 59.6 | 58.2 | 57.0 | 55.9 | 54.9 | | | |
| | F | 3.352 | 1.893 | 1.328 | 1.031 | 0.849 | 0.726 | 0.639 | 0.575 | 0.525 | 0.487 | 0.455 | 0.430 | 0.409 | 0.391 | 0.377 | 0.364 | 0.353 | 0.344 | 0.336 | 0.329 |
| | A | 4.3 | 7.6 | 10.9 | 14.2 | 17.3 | 20.3 | 23.2 | 26.0 | 28.7 | 31.2 | 33.6 | 35.9 | 38.0 | 40.1 | 42.0 | 43.8 | 45.5 | 47.1 | 48.6 | 50.1 |
| | K********** | | 1.29 | 1.57 | 1.85 | 2.15 | 2.47 | 2.81 | 3.17 | 3.54 | 3.94 | 4.36 | 4.81 | 5.27 | 5.76 | 6.28 | 6.82 | 7.39 | | | |
| 0.008 | %C********** | | 99.9 | 97.0 | 92.6 | 88.1 | 83.9 | 80.1 | 76.9 | 74.0 | 71.5 | 69.4 | 67.5 | 65.8 | 64.4 | 63.1 | 62.0 | 61.0 | | | |
| | F | 3.715 | 2.127 | 1.501 | 1.168 | 0.963 | 0.825 | 0.727 | 0.654 | 0.598 | 0.554 | 0.519 | 0.490 | 0.467 | 0.447 | 0.430 | 0.416 | 0.403 | 0.393 | 0.383 | 0.375 |
| | A | 4.4 | 7.8 | 11.1 | 14.3 | 17.4 | 20.4 | 23.3 | 26.1 | 28.8 | 31.3 | 33.7 | 36.0 | 38.1 | 40.1 | 42.1 | 43.9 | 45.6 | 47.2 | 48.7 | 50.1 |
| | K********** | | 1.14 | 1.38 | 1.63 | 1.90 | 2.17 | 2.47 | 2.78 | 3.11 | 3.46 | 3.83 | 4.22 | 4.63 | 5.06 | 5.51 | 5.99 | 6.48 | | | |
| 0.010 | %C********** | | 99.0 | 96.5 | 93.4 | 90.3 | 87.5 | 84.8 | 82.4 | 80.3 | 78.5 | 76.8 | 75.3 | 74.0 | 72.8 | 71.7 | | | | | |
| | F | 4.380 | 2.572 | 1.833 | 1.435 | 1.188 | 1.021 | 0.901 | 0.812 | 0.743 | 0.689 | 0.646 | 0.610 | 0.581 | 0.557 | 0.536 | 0.518 | 0.503 | 0.490 | 0.478 | 0.468 |
| | A | 4.7 | 8.0 | 11.3 | 14.5 | 17.6 | 20.7 | 23.6 | 26.3 | 29.0 | 31.5 | 33.9 | 36.1 | 38.3 | 40.3 | 42.2 | 44.0 | 45.7 | 47.3 | 48.8 | 50.2 |
| | K********** | | 1.32 | 1.53 | 1.76 | 2.00 | 2.25 | 2.51 | 2.79 | 3.09 | 3.40 | 3.73 | 4.08 | 4.44 | 4.82 | 5.22 | | | | | |

| CARRIERS | PICKS | ENDS |
|---|---|---|
| 48 | 9 | 7 |

| SIR.DIA. | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C********** | | | 96.1 | 88.1 | 80.8 | 73.9 | 68.4 | 63.9 | 60.2 | 57.1 | 54.5 | 52.3 | 50.4 | 48.8 | 47.4 | 46.1 | 45.1 | 44.2 | 43.3 |
| | F 2.871 | 1.525 | 1.046 | 0.801 | 0.655 | 0.557 | 0.489 | 0.438 | 0.399 | 0.369 | 0.345 | 0.325 | 0.309 | 0.296 | 0.284 | 0.274 | 0.266 | 0.259 | 0.253 | 0.247 |
| | A 3.8 | 7.1 | 10.4 | 13.6 | 16.8 | 19.8 | 22.8 | 25.6 | 28.2 | 30.8 | 33.2 | 35.5 | 37.7 | 39.8 | 41.7 | 43.5 | 45.2 | 46.9 | 48.4 | 49.8 |
| | K********** | | | 1.32 | 1.67 | 2.03 | 2.41 | 2.81 | 3.23 | 3.67 | 4.14 | 4.64 | 5.17 | 5.72 | 6.31 | 6.93 | 7.58 | 8.26 | 8.98 | 9.72 |
| 0.004 | %C********** | | | | 98.2 | 93.2 | 87.6 | 82.5 | 78.0 | 74.1 | 70.7 | 67.8 | 65.3 | 63.2 | 61.4 | 59.7 | 58.3 | 57.1 | 56.0 | 55.0 |
| | F 3.697 | 1.997 | 1.377 | 1.059 | 0.867 | 0.739 | 0.648 | 0.582 | 0.531 | 0.491 | 0.459 | 0.433 | 0.411 | 0.393 | 0.378 | 0.365 | 0.354 | 0.345 | 0.337 | 0.329 |
| | A 3.9 | 7.3 | 10.5 | 13.8 | 16.9 | 19.9 | 22.9 | 25.7 | 28.3 | 30.9 | 33.3 | 35.6 | 37.8 | 39.8 | 41.8 | 43.6 | 45.3 | 46.9 | 48.5 | 49.9 |
| | K********** | | | | 1.26 | 1.53 | 1.82 | 2.12 | 2.43 | 2.77 | 3.12 | 3.50 | 3.89 | 4.31 | 4.75 | 5.22 | 5.70 | 6.22 | 6.75 | 7.32 |
| 0.005 | %C********** | | | | | 99.3 | 96.3 | 92.4 | 88.5 | 84.9 | 81.7 | 78.8 | 76.3 | 74.1 | 72.1 | 70.4 | 68.9 | 67.6 | 66.4 | 65.4 |
| | F 4.467 | 2.451 | 1.701 | 1.312 | 1.076 | 0.918 | 0.807 | 0.724 | 0.661 | 0.612 | 0.572 | 0.540 | 0.513 | 0.491 | 0.472 | 0.456 | 0.443 | 0.431 | 0.420 | 0.411 |
| | A 4.0 | 7.4 | 10.7 | 13.9 | 17.0 | 20.1 | 23.0 | 25.8 | 28.5 | 31.0 | 33.4 | 35.7 | 37.9 | 39.9 | 41.8 | 43.7 | 45.4 | 47.0 | 48.5 | 50.0 |
| | K********** | | | | | 1.23 | 1.46 | 1.70 | 1.96 | 2.23 | 2.51 | 2.81 | 3.13 | 3.46 | 3.82 | 4.19 | 4.58 | 4.99 | 5.42 | 5.87 |
| 0.006 | %C********** | | | | | | 99.9 | 98.2 | 95.6 | 92.8 | 90.1 | 87.5 | 85.2 | 83.0 | 81.2 | 79.5 | 78.0 | 76.6 | 75.4 | 74.3 |
| | F 5.189 | 2.890 | 2.016 | 1.560 | 1.282 | 1.096 | 0.964 | 0.866 | 0.791 | 0.732 | 0.685 | 0.646 | 0.615 | 0.588 | 0.566 | 0.547 | 0.531 | 0.516 | 0.504 | 0.493 |
| | A 4.2 | 7.5 | 10.8 | 14.0 | 17.2 | 20.2 | 23.1 | 25.9 | 28.6 | 31.1 | 33.5 | 35.8 | 38.0 | 40.0 | 41.9 | 43.7 | 45.4 | 47.1 | 48.6 | 50.0 |
| | K********** | | | | | | 1.23 | 1.43 | 1.64 | 1.86 | 2.10 | 2.35 | 2.62 | 2.90 | 3.19 | 3.50 | 3.83 | 4.17 | 4.53 | 4.91 |
| 0.007 | %C********** | | | | | | | 99.4 | 97.8 | 95.9 | 93.9 | 91.9 | 90.1 | 88.4 | 86.9 | 85.4 | 84.1 | 83.0 | 81.9 | |
| | F 5.866 | 3.313 | 2.325 | 1.804 | 1.485 | 1.271 | 1.119 | 1.006 | 0.919 | 0.851 | 0.797 | 0.752 | 0.716 | 0.685 | 0.659 | 0.637 | 0.618 | 0.602 | 0.588 | 0.575 |
| --- | A 4.3 | 7.6 | 10.9 | 14.2 | 17.3 | 20.3 | 23.2 | 26.0 | 28.7 | 31.2 | 33.6 | 35.9 | 38.0 | 40.1 | 42.0 | 43.8 | 45.5 | 47.1 | 48.6 | 50.1 |
| | K********** | | | | | | | 1.41 | 1.61 | 1.81 | 2.02 | 2.25 | 2.49 | 2.75 | 3.01 | 3.29 | 3.59 | 3.90 | 4.22 | |
| 0.008 | %C********** | | | | | | | | 99.9 | 99.2 | 98.0 | 96.6 | 95.2 | 93.9 | 92.6 | 91.3 | 90.2 | 89.2 | 88.2 | |
| | F 6.502 | 3.722 | 2.626 | 2.044 | 1.685 | 1.445 | 1.273 | 1.145 | 1.047 | 0.970 | 0.908 | 0.858 | 0.816 | 0.782 | 0.752 | 0.727 | 0.706 | 0.687 | 0.671 | 0.657 |
| | A 4.4 | 7.8 | 11.1 | 14.3 | 17.4 | 20.4 | 23.3 | 26.1 | 28.8 | 31.3 | 33.7 | 36.0 | 38.1 | 40.1 | 42.1 | 43.9 | 45.6 | 47.2 | 48.7 | 50.1 |
| | K********** | | | | | | | | 1.41 | 1.59 | 1.78 | 1.98 | 2.19 | 2.41 | 2.65 | 2.89 | 3.15 | 3.42 | 3.70 | |
| 0.010 | %C********** | | | | | | | | | | | | | 99.9 | 99.6 | 99.1 | 98.6 | 98.0 | 97.3 | 96.7 |
| | F 7.665 | 4.501 | 3.208 | 2.511 | 2.078 | 1.784 | 1.577 | 1.421 | 1.301 | 1.206 | 1.130 | 1.068 | 1.017 | 0.974 | 0.938 | 0.907 | 0.880 | 0.857 | 0.837 | 0.820 |
| | A 4.7 | 8.0 | 11.3 | 14.5 | 17.6 | 20.7 | 23.6 | 26.3 | 29.0 | 31.5 | 33.9 | 36.1 | 38.3 | 40.3 | 42.2 | 44.0 | 45.7 | 47.3 | 48.8 | 50.2 |
| | K********** | | | | | | | | | | | | | 1.77 | 1.94 | 2.13 | 2.33 | 2.54 | 2.75 | 2.98 |

CARRIERS 48 PICKS 9 ENDS 10

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ********** | ********** | ********** | ********** | 99.6 | 95.8 | 90.9 | 86.0 | 81.6 | 77.7 | 74.3 | 71.3 | 68.8 | 66.6 | 64.7 | 63.0 | 61.6 | 60.3 | 59.2 | 58.2 |
| | F | 4.101 | 2.179 | 1.494 | 1.145 | 0.935 | 0.796 | 0.698 | 0.626 | 0.571 | 0.527 | 0.493 | 0.465 | 0.442 | 0.422 | 0.406 | 0.392 | 0.380 | 0.370 | 0.361 | 0.353 |
| | A | 3.8 | 7.1 | 10.4 | 13.6 | 16.8 | 19.8 | 22.8 | 25.6 | 28.2 | 30.8 | 33.2 | 35.5 | 37.7 | 39.8 | 41.7 | 43.5 | 45.2 | 46.9 | 48.4 | 49.8 |
| | K | ********** | ********** | ********** | ********** | 1.17 | 1.42 | 1.68 | 1.96 | 2.26 | 2.57 | 2.90 | 3.25 | 3.62 | 4.01 | 4.42 | 4.85 | 5.30 | 5.78 | 6.28 | 6.81 |
| 0.004 | %C | ********** | ********** | ********** | ********** | ********** | ********** | 99.5 | 97.1 | 94.1 | 91.1 | 88.1 | 85.4 | 83.0 | 80.8 | 78.9 | 77.2 | 75.6 | 74.3 | 73.1 | 72.0 |
| | F | 5.281 | 2.852 | 1.967 | 1.513 | 1.238 | 1.055 | 0.926 | 0.831 | 0.758 | 0.701 | 0.655 | 0.618 | 0.588 | 0.562 | 0.540 | 0.522 | 0.506 | 0.493 | 0.481 | 0.471 |
| | A | 3.9 | 7.3 | 10.5 | 13.8 | 16.9 | 19.9 | 22.9 | 25.7 | 28.3 | 30.9 | 33.3 | 35.6 | 37.8 | 39.8 | 41.8 | 43.6 | 45.3 | 46.9 | 48.5 | 49.9 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | 1.27 | 1.48 | 1.70 | 1.94 | 2.19 | 2.45 | 2.72 | 3.02 | 3.33 | 3.65 | 3.99 | 4.35 | 4.73 | 5.12 |
| 0.005 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 99.7 | 98.4 | 96.7 | 94.8 | 92.9 | 91.1 | 89.4 | 87.9 | 86.5 | 85.2 | 84.1 | 83.0 |
| | F | 6.382 | 3.502 | 2.429 | 1.874 | 1.536 | 1.312 | 1.153 | 1.035 | 0.944 | 0.874 | 0.817 | 0.771 | 0.733 | 0.701 | 0.675 | 0.652 | 0.632 | 0.615 | 0.601 | 0.588 |
| | A | 4.0 | 7.4 | 10.7 | 13.9 | 17.0 | 20.1 | 23.0 | 25.8 | 28.5 | 31.0 | 33.4 | 35.7 | 37.9 | 39.9 | 41.8 | 43.7 | 45.4 | 47.0 | 48.5 | 50.0 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.37 | 1.56 | 1.76 | 1.97 | 2.19 | 2.42 | 2.67 | 2.93 | 3.21 | 3.49 | 3.79 | 4.11 |
| 0.006 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 100.0 | 99.4 | 98.5 | 97.4 | 96.3 | 95.2 | 94.1 | 93.1 | 92.2 | 91.3 |
| | F | 7.413 | 4.128 | 2.880 | 2.229 | 1.831 | 1.565 | 1.377 | 1.237 | 1.130 | 1.045 | 0.978 | 0.923 | 0.878 | 0.840 | 0.808 | 0.781 | 0.758 | 0.738 | 0.720 | 0.705 |
| | A | 4.2 | 7.5 | 10.8 | 14.0 | 17.2 | 20.2 | 23.1 | 25.9 | 28.6 | 31.1 | 33.5 | 35.8 | 38.0 | 40.0 | 41.9 | 43.7 | 45.4 | 47.1 | 48.6 | 50.0 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.47 | 1.65 | 1.83 | 2.03 | 2.23 | 2.45 | 2.68 | 2.92 | 3.17 | 3.44 |
| 0.007 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 100.0 | 99.7 | 99.2 | 98.6 | 98.0 | 97.4 | 96.8 |
| | F | 8.379 | 4.733 | 3.321 | 2.577 | 2.121 | 1.816 | 1.599 | 1.437 | 1.313 | 1.216 | 1.138 | 1.075 | 1.023 | 0.979 | 0.942 | 0.910 | 0.883 | 0.860 | 0.839 | 0.822 |
| | A | 4.3 | 7.6 | 10.9 | 14.2 | 17.3 | 20.3 | 23.2 | 26.0 | 28.7 | 31.2 | 33.6 | 35.9 | 38.0 | 40.1 | 42.0 | 43.8 | 45.5 | 47.1 | 48.6 | 50.1 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.74 | 1.92 | 2.11 | 2.31 | 2.51 | 2.73 | 2.95 |
| 0.008 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 100.0 | 99.8 | 99.6 |
| | F | 9.288 | 5.318 | 3.751 | 2.920 | 2.408 | 2.064 | 1.818 | 1.636 | 1.496 | 1.386 | 1.298 | 1.226 | 1.166 | 1.117 | 1.075 | 1.039 | 1.008 | 0.982 | 0.958 | 0.938 |
| | A | 4.4 | 7.8 | 11.1 | 14.3 | 17.4 | 20.4 | 23.3 | 26.1 | 28.8 | 31.3 | 33.7 | 36.0 | 38.1 | 40.1 | 42.1 | 43.9 | 45.6 | 47.2 | 48.7 | 50.1 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 2.21 | 2.39 | 2.59 |
| 0.010 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** |
| | F | 10.951 | 6.230 | 4.383 | 3.387 | 2.969 | 2.551 | 2.252 | 2.029 | 1.858 | 1.723 | 1.614 | 1.526 | 1.453 | 1.391 | 1.340 | 1.295 | 1.257 | 1.225 | 1.196 | 1.171 |
| | A | 4.7 | 8.0 | 11.3 | 14.5 | 17.6 | 20.7 | 23.6 | 26.3 | 29.0 | 31.5 | 33.9 | 36.1 | 38.3 | 40.3 | 42.2 | 44.0 | 45.7 | 47.3 | 48.8 | 50.2 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** |

CARRIERS 48 PICKS 15 ENDS 4

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C******* | 98.6 | 85.1 | 73.6 | 64.1 | 57.7 | 53.0 | 49.4 | 46.7 | 44.6 | 42.9 | 41.5 | 40.4 | 39.5 | 38.7 | 38.1 | 37.5 | 37.0 | 36.6 | 36.3 | |
| | F 1.647 | 0.883 | 0.615 | 0.480 | 0.401 | 0.350 | 0.314 | 0.289 | 0.270 | 0.255 | 0.244 | 0.235 | 0.228 | 0.222 | 0.217 | 0.213 | 0.209 | 0.206 | 0.204 | 0.202 | |
| | A 6.3 | 11.8 | 17.0 | 22.0 | 26.7 | 31.0 | 35.0 | 38.6 | 41.8 | 44.8 | 47.5 | 50.0 | 52.2 | 54.2 | 56.0 | 57.7 | 59.2 | 60.7 | 62.0 | 63.1 | |
| | K******* | 1.18 | 1.78 | 2.42 | 3.13 | 3.89 | 4.74 | 5.66 | 6.68 | 7.78 | 8.98 | 10.27 | 11.67 | 13.16 | 14.76 | 16.46 | 18.26 | 20.17 | 22.18 | 24.30 | |
| 0.004 | %C********** | 96.4 | 80.7 | 70.0 | 71.2 | 66.1 | 62.0 | 58.9 | 56.4 | 54.4 | 52.8 | 51.5 | 50.4 | 49.5 | 48.7 | 48.0 | 47.5 | 47.0 | 46.5 | | |
| | F 2.121 | 1.157 | 0.810 | 0.635 | 0.531 | 0.464 | 0.417 | 0.384 | 0.359 | 0.340 | 0.325 | 0.313 | 0.303 | 0.296 | 0.289 | 0.284 | 0.279 | 0.275 | 0.272 | 0.269 | |
| | A 6.5 | 12.0 | 17.2 | 22.2 | 26.9 | 31.2 | 35.1 | 38.7 | 42.0 | 44.9 | 47.6 | 50.0 | 52.3 | 54.3 | 56.1 | 57.8 | 59.3 | 60.7 | 62.0 | 63.2 | |
| | K********** | 1.35 | 1.84 | 2.37 | 2.94 | 3.58 | 4.28 | 5.04 | 5.87 | 6.77 | 7.75 | 8.80 | 9.92 | 11.12 | 12.40 | 13.75 | 15.19 | 16.70 | 18.29 | | |
| 0.005 | %C********** | 95.5 | 88.4 | 82.1 | 76.9 | 72.8 | 69.5 | 66.8 | 64.7 | 62.9 | 61.4 | 60.2 | 59.2 | 58.3 | 57.6 | 56.9 | 56.4 | 55.9 | | | |
| | F 2.564 | 1.421 | 1.001 | 0.787 | 0.660 | 0.577 | 0.520 | 0.478 | 0.448 | 0.424 | 0.406 | 0.391 | 0.379 | 0.369 | 0.361 | 0.354 | 0.349 | 0.344 | 0.340 | 0.336 | |
| | A 6.7 | 12.2 | 17.4 | 22.4 | 27.0 | 31.3 | 35.3 | 38.8 | 42.1 | 45.0 | 47.7 | 50.1 | 52.3 | 54.3 | 56.2 | 57.8 | 59.4 | 60.8 | 62.1 | 63.2 | |
| | K********** | 1.49 | 1.91 | 2.38 | 2.89 | 3.44 | 4.06 | 4.72 | 5.45 | 6.23 | 7.07 | 7.97 | 8.94 | 9.96 | 11.05 | 12.20 | 13.41 | 14.68 | | | |
| 0.006 | %C********** | 99.6 | 95.5 | 90.3 | 85.7 | 81.7 | 78.5 | 75.8 | 73.6 | 71.7 | 70.2 | 68.9 | 67.9 | 66.9 | 66.1 | 65.5 | 64.9 | 64.4 | | | |
| | F 2.979 | 1.676 | 1.188 | 0.937 | 0.787 | 0.689 | 0.621 | 0.572 | 0.536 | 0.508 | 0.486 | 0.468 | 0.454 | 0.443 | 0.433 | 0.425 | 0.418 | 0.412 | 0.407 | 0.403 | |
| | A 6.9 | 12.4 | 17.6 | 22.6 | 27.2 | 31.5 | 35.4 | 39.0 | 42.2 | 45.2 | 47.8 | 50.2 | 52.4 | 54.4 | 56.2 | 57.9 | 59.4 | 60.8 | 62.1 | 63.3 | |
| | K********** | 1.25 | 1.61 | 2.00 | 2.42 | 2.89 | 3.40 | 3.96 | 4.56 | 5.22 | 5.92 | 6.67 | 7.48 | 8.34 | 9.24 | 10.20 | 11.21 | 12.28 | | | |
| 0.007 | %C********** | 99.2 | 96.0 | 92.3 | 88.8 | 85.8 | 83.3 | 81.2 | 79.4 | 77.8 | 76.6 | 75.5 | 74.5 | 73.7 | 73.0 | 72.4 | 71.9 | | | | |
| | F 3.369 | 1.923 | 1.370 | 1.084 | 0.913 | 0.800 | 0.722 | 0.666 | 0.624 | 0.591 | 0.566 | 0.546 | 0.529 | 0.516 | 0.505 | 0.495 | 0.488 | 0.481 | 0.475 | 0.470 | |
| | A 7.2 | 12.6 | 17.8 | 22.8 | 27.4 | 31.7 | 35.6 | 39.1 | 42.3 | 45.3 | 47.9 | 50.3 | 52.5 | 54.5 | 56.3 | 58.0 | 59.5 | 60.9 | 62.2 | 63.3 | |
| | K********** | 1.39 | 1.72 | 2.09 | 2.49 | 2.93 | 3.41 | 3.93 | 4.50 | 5.10 | 5.75 | 6.44 | 7.17 | 7.95 | 8.78 | 9.65 | 10.56 | | | | |
| 0.008 | %C********** | 99.2 | 96.8 | 94.2 | 91.7 | 89.4 | 87.4 | 85.8 | 84.3 | 83.1 | 82.1 | 81.1 | 80.4 | 79.7 | 79.1 | 78.6 | | | | | |
| | F 3.735 | 2.161 | 1.549 | 1.229 | 1.037 | 0.910 | 0.823 | 0.759 | 0.711 | 0.674 | 0.646 | 0.623 | 0.604 | 0.589 | 0.576 | 0.566 | 0.557 | 0.549 | 0.543 | 0.537 | |
| | A 7.4 | 12.8 | 18.1 | 23.0 | 27.6 | 31.8 | 35.7 | 39.2 | 42.5 | 45.4 | 48.0 | 50.4 | 52.6 | 54.6 | 56.4 | 58.0 | 59.5 | 60.9 | 62.2 | 63.4 | |
| | K********** | 1.52 | 1.84 | 2.20 | 2.58 | 3.00 | 3.46 | 3.95 | 4.48 | 5.05 | 5.66 | 6.30 | 6.99 | 7.71 | 8.47 | 9.27 | | | | | |
| 0.010 | %C********** | 99.7 | 98.7 | 97.4 | 96.2 | 95.0 | 93.9 | 93.0 | 92.1 | 91.4 | 90.7 | 90.1 | 89.6 | 89.2 | | | | | | | |
| | F 4.406 | 2.616 | 1.895 | 1.513 | 1.281 | 1.128 | 1.021 | 0.943 | 0.885 | 0.840 | 0.805 | 0.776 | 0.754 | 0.735 | 0.719 | 0.706 | 0.695 | 0.686 | 0.678 | 0.671 | |
| | A 7.8 | 13.3 | 18.5 | 23.4 | 27.9 | 32.1 | 36.0 | 39.5 | 42.7 | 45.6 | 48.2 | 50.6 | 52.8 | 54.7 | 56.5 | 58.2 | 59.7 | 61.0 | 62.3 | 63.5 | |
| | K********** | 1.78 | 2.09 | 2.43 | 2.80 | 3.20 | 3.62 | 4.08 | 4.57 | 5.09 | 5.64 | 6.22 | 6.83 | 7.47 | | | | | | | |

CARRIERS 48 PICKS 15 ENDS 7

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | ********** | ********** | ********** | 97.4 | 91.1 | 84.9 | 79.7 | 75.5 | 72.1 | 69.4 | 67.2 | 65.4 | 63.9 | 62.6 | 61.5 | 60.6 | 59.9 | 59.2 | 58.6 | 58.1 |
| | F | 2.882 | 1.546 | 1.076 | 0.840 | 0.701 | 0.612 | 0.550 | 0.505 | 0.472 | 0.447 | 0.427 | 0.411 | 0.399 | 0.388 | 0.380 | 0.373 | 0.367 | 0.361 | 0.357 | 0.353 |
| | A | 6.3 | 11.8 | 17.0 | 22.0 | 26.7 | 31.0 | 35.0 | 38.6 | 41.8 | 44.8 | 47.5 | 50.0 | 52.2 | 54.2 | 56.0 | 57.7 | 59.2 | 60.7 | 62.0 | 63.1 |
| | K | ********** | ********** | ********** | 1.39 | 1.79 | 2.23 | 2.71 | 3.24 | 3.82 | 4.45 | 5.13 | 5.87 | 6.67 | 7.52 | 8.43 | 9.41 | 10.44 | 11.52 | 12.67 | 13.88 |
| 0.004 | %C | ********** | ********** | ********** | 99.5 | 96.5 | 92.7 | 89.2 | 86.2 | 83.6 | 81.4 | 79.6 | 78.0 | 76.7 | 75.6 | 74.6 | 73.8 | 73.1 | 72.5 | 72.0 | |
| | F | 3.712 | 2.025 | 1.417 | 1.111 | 0.929 | 0.812 | 0.730 | 0.672 | 0.628 | 0.595 | 0.569 | 0.548 | 0.531 | 0.517 | 0.506 | 0.496 | 0.488 | 0.482 | 0.476 | 0.471 |
| | A | 6.5 | 12.0 | 17.2 | 22.2 | 26.9 | 31.2 | 35.1 | 38.7 | 42.0 | 44.9 | 47.6 | 50.0 | 52.3 | 54.3 | 56.1 | 57.8 | 59.3 | 60.7 | 62.0 | 63.2 |
| | K | ********** | ********** | ********** | 1.35 | 1.68 | 2.05 | 2.44 | 2.88 | 3.35 | 3.87 | 4.43 | 5.03 | 5.67 | 6.35 | 7.08 | 7.86 | 8.68 | 9.54 | 10.45 | |
| 0.005 | %C | ********** | ********** | ********** | ********** | ********** | ********** | 99.2 | 97.3 | 95.3 | 93.3 | 91.6 | 90.0 | 88.7 | 87.5 | 86.5 | 85.6 | 84.8 | 84.1 | 83.5 | 83.0 |
| | F | 4.487 | 2.487 | 1.752 | 1.377 | 1.155 | 1.010 | 0.910 | 0.837 | 0.783 | 0.742 | 0.710 | 0.684 | 0.663 | 0.646 | 0.632 | 0.620 | 0.610 | 0.602 | 0.594 | 0.588 |
| | A | 6.7 | 12.2 | 17.4 | 22.4 | 27.0 | 31.3 | 35.3 | 38.8 | 42.1 | 45.0 | 47.7 | 50.1 | 52.3 | 54.3 | 56.2 | 57.8 | 59.4 | 60.8 | 62.1 | 63.2 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | 1.65 | 1.97 | 2.32 | 2.70 | 3.11 | 3.56 | 4.04 | 4.56 | 5.11 | 5.69 | 6.31 | 6.97 | 7.66 | 8.39 |
| 0.006 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 99.6 | 98.8 | 97.8 | 96.7 | 95.8 | 94.9 | 94.1 | 93.4 | 92.8 | 92.2 | 91.8 | 91.3 |
| | F | 5.213 | 2.933 | 2.078 | 1.639 | 1.377 | 1.206 | 1.087 | 1.002 | 0.938 | 0.889 | 0.850 | 0.820 | 0.795 | 0.775 | 0.758 | 0.744 | 0.732 | 0.722 | 0.713 | 0.705 |
| | A | 6.9 | 12.4 | 17.6 | 22.6 | 27.2 | 31.5 | 35.4 | 39.0 | 42.2 | 45.2 | 47.8 | 50.2 | 52.4 | 54.4 | 56.2 | 57.9 | 59.4 | 60.8 | 62.1 | 63.3 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 1.94 | 2.26 | 2.61 | 2.98 | 3.38 | 3.81 | 4.27 | 4.76 | 5.28 | 5.83 | 6.41 | 7.02 |
| 0.007 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 100.0 | 99.8 | 99.5 | 99.1 | 98.6 | 98.2 | 97.8 | 97.5 | 97.2 | 96.8 |
| | F | 5.895 | 3.365 | 2.398 | 1.897 | 1.597 | 1.401 | 1.264 | 1.165 | 1.091 | 1.035 | 0.990 | 0.955 | 0.926 | 0.903 | 0.883 | 0.867 | 0.853 | 0.841 | 0.831 | 0.823 |
| | A | 7.2 | 12.6 | 17.8 | 22.8 | 27.4 | 31.7 | 35.6 | 39.1 | 42.3 | 45.3 | 47.9 | 50.3 | 52.5 | 54.5 | 56.3 | 58.0 | 59.5 | 60.9 | 62.2 | 63.3 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 2.25 | 2.57 | 2.91 | 3.28 | 3.68 | 4.10 | 4.55 | 5.02 | 5.51 | 6.04 |
| 0.008 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 |
| | F | 6.536 | 3.782 | 2.711 | 2.151 | 1.814 | 1.593 | 1.439 | 1.328 | 1.244 | 1.180 | 1.130 | 1.090 | 1.057 | 1.031 | 1.009 | 0.990 | 0.974 | 0.961 | 0.950 | 0.940 |
| | A | 7.4 | 12.8 | 18.1 | 23.0 | 27.6 | 31.8 | 35.7 | 39.2 | 42.5 | 45.4 | 48.0 | 50.4 | 52.6 | 54.6 | 56.4 | 58.0 | 59.5 | 60.9 | 62.2 | 63.4 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | 3.60 | 3.99 | 4.41 | 4.84 | 5.30 | |
| 0.010 | %C | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** |
| | F | 7.711 | 4.578 | 3.316 | 2.648 | 2.242 | 1.974 | 1.786 | 1.650 | 1.548 | 1.470 | 1.408 | 1.359 | 1.319 | 1.286 | 1.259 | 1.236 | 1.217 | 1.200 | 1.186 | 1.174 |
| | A | 7.8 | 13.3 | 18.5 | 23.4 | 27.9 | 32.1 | 36.0 | 39.5 | 42.7 | 45.6 | 48.2 | 50.6 | 52.8 | 54.7 | 56.5 | 58.2 | 59.7 | 61.0 | 62.3 | 63.5 |
| | K | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** | ********** |

CARRIERS 48 PICKS 15 ENDS 10

| STR.DIA. | | DIAMETER OVER DIELECTRIC | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | 0.450 | 0.500 | 0.550 | 0.600 | 0.650 | 0.700 | 0.750 | 0.800 | 0.850 | 0.900 | 0.950 | 1.000 |
| 0.003 | %C | | | | | | 98.4 | 95.4 | 92.3 | 89.4 | 86.9 | 84.8 | 83.0 | 81.5 | 80.2 | 79.1 | 78.1 | 77.3 | 76.6 | 76.0 | 75.4 |
| | F | 4.117 | 2.208 | 1.536 | 1.200 | 1.002 | 0.874 | 0.785 | 0.722 | 0.675 | 0.638 | 0.610 | 0.588 | 0.570 | 0.555 | 0.543 | 0.532 | 0.524 | 0.516 | 0.510 | 0.504 |
| | A | 6.3 | 11.8 | 17.0 | 22.0 | 26.7 | 31.0 | 35.0 | 38.6 | 41.8 | 44.8 | 47.5 | 50.0 | 52.2 | 54.2 | 56.0 | 57.7 | 59.2 | 60.7 | 62.0 | 63.1 |
| | K | | | | | | 1.56 | 1.90 | 2.27 | 2.67 | 3.11 | 3.59 | 4.11 | 4.67 | 5.27 | 5.90 | 6.58 | 7.30 | 8.07 | 8.87 | 9.72 |
| 0.004 | %C | | | | | | 99.8 | 98.9 | 97.7 | 96.5 | 95.3 | 94.2 | 93.2 | 92.3 | 91.5 | 90.9 | 90.3 | 89.7 | 89.3 | | |
| | F | 5.303 | 2.892 | 2.025 | 1.587 | 1.328 | 1.159 | 1.043 | 0.960 | 0.897 | 0.850 | 0.812 | 0.783 | 0.759 | 0.739 | 0.723 | 0.709 | 0.698 | 0.688 | 0.680 | 0.672 |
| | A | 6.5 | 12.0 | 17.2 | 22.2 | 26.9 | 31.2 | 35.1 | 38.7 | 42.0 | 44.9 | 47.6 | 50.0 | 52.3 | 54.3 | 56.1 | 57.8 | 59.3 | 60.7 | 62.0 | 63.2 |
| | K | | | | | | | | 1.71 | 2.02 | 2.35 | 2.71 | 3.10 | 3.52 | 3.97 | 4.45 | 4.96 | 5.50 | 6.07 | 6.68 | 7.31 |
| 0.005 | %C | | | | | | | | | | | | | | 99.0 | 98.7 | 98.4 | 98.1 | 97.8 | 97.7 | 97.4 |
| | F | 6.410 | 3.553 | 2.502 | 1.967 | 1.649 | 1.442 | 1.299 | 1.196 | 1.119 | 1.060 | 1.014 | 0.977 | 0.947 | 0.923 | 0.903 | 0.886 | 0.872 | 0.859 | 0.849 | 0.840 |
| | A | 6.7 | 12.2 | 17.4 | 22.4 | 27.0 | 31.3 | 35.3 | 38.8 | 42.1 | 45.0 | 47.7 | 50.1 | 52.3 | 54.3 | 56.2 | 57.8 | 59.4 | 60.8 | 62.1 | 63.2 |
| | K | | | | | | | | | | | | 2.49 | 2.83 | 3.19 | 3.57 | 3.98 | 4.42 | 4.88 | 5.36 | 5.87 |
| 0.006 | %C | | | | | | | | | | | | | | | | | | | | |
| | F | 7.448 | 4.190 | 2.969 | 2.342 | 1.967 | 1.723 | 1.553 | 1.431 | 1.340 | 1.269 | 1.215 | 1.171 | 1.136 | 1.107 | 1.083 | 1.062 | 1.045 | 1.031 | 1.018 | 1.008 |
| | A | 6.9 | 12.4 | 17.6 | 22.6 | 27.2 | 31.5 | 35.4 | 39.0 | 42.2 | 45.2 | 47.8 | 50.2 | 52.4 | 54.4 | 56.2 | 57.9 | 59.4 | 60.8 | 62.1 | 63.3 |
| | K | | | | | | | | | | | | | | | | | | | | |
| 0.007 | %C | | | | | | | | | | | | | | | | | | | | |
| | F | 8.421 | 4.807 | 3.426 | 2.711 | 2.282 | 2.001 | 1.806 | 1.665 | 1.559 | 1.478 | 1.415 | 1.364 | 1.323 | 1.290 | 1.262 | 1.239 | 1.219 | 1.202 | 1.188 | 1.175 |
| | A | 7.2 | 12.6 | 17.8 | 22.8 | 27.4 | 31.7 | 35.6 | 39.1 | 42.3 | 45.3 | 47.9 | 50.3 | 52.5 | 54.5 | 56.3 | 58.0 | 59.5 | 60.9 | 62.2 | 63.3 |
| | K | | | | | | | | | | | | | | | | | | | | |
| 0.008 | %C | | | | | | | | | | | | | | | | | | | | |
| | F | 9.337 | 5.404 | 3.872 | 3.073 | 2.592 | 2.276 | 2.056 | 1.897 | 1.778 | 1.686 | 1.614 | 1.557 | 1.511 | 1.473 | 1.441 | 1.415 | 1.392 | 1.373 | 1.357 | 1.342 |
| | A | 7.4 | 12.8 | 18.1 | 23.0 | 27.6 | 31.8 | 35.7 | 39.2 | 42.5 | 45.4 | 48.0 | 50.4 | 52.6 | 54.6 | 56.4 | 58.0 | 59.5 | 60.9 | 62.2 | 63.4 |
| | K | | | | | | | | | | | | | | | | | | | | |
| 0.010 | %C | | | | | | | | | | | | | | | | | | | | |
| | F | 11.016 | 6.541 | 4.738 | 3.783 | 3.202 | 2.819 | 2.552 | 2.358 | 2.212 | 2.100 | 2.012 | 1.941 | 1.884 | 1.837 | 1.798 | 1.766 | 1.738 | 1.715 | 1.694 | 1.677 |
| | A | 7.8 | 13.3 | 18.5 | 23.4 | 27.9 | 32.1 | 36.0 | 39.5 | 42.7 | 45.6 | 48.2 | 50.6 | 52.8 | 54.7 | 56.5 | 58.2 | 59.7 | 61.0 | 62.3 | 63.5 |
| | K | | | | | | | | | | | | | | | | | | | | |