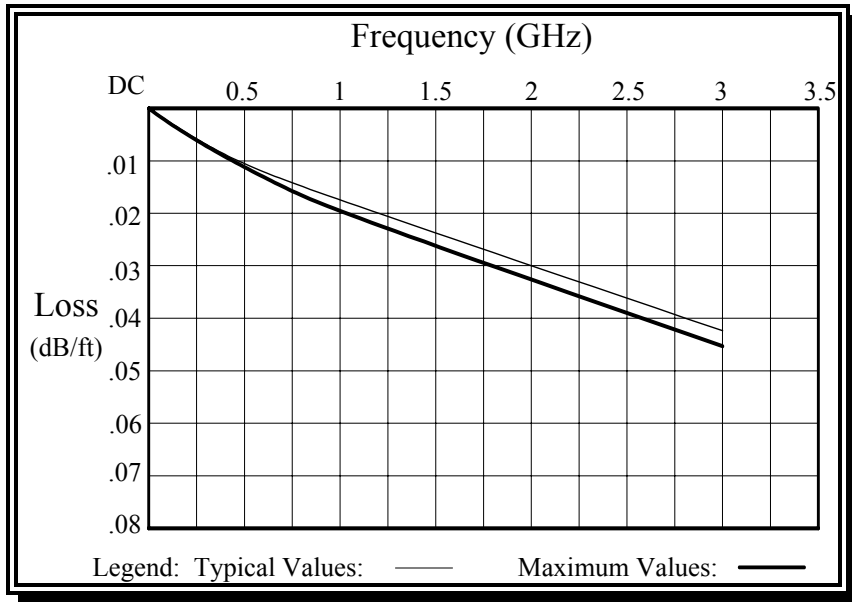


FC759 Flexible Coaxial Cable 3 GHz Cable

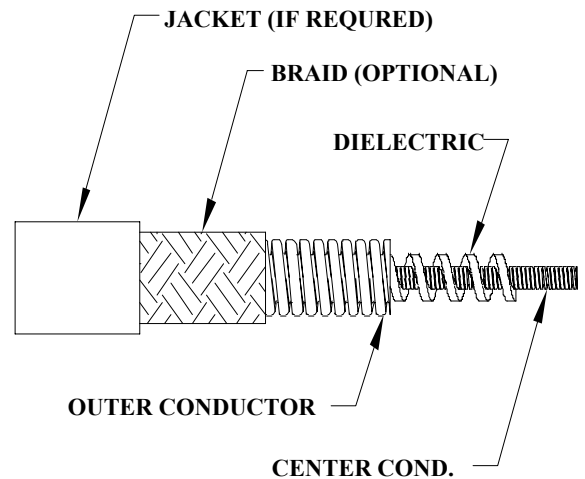
Frequency vs. Attenuation



Electrical Characteristics:

Nominal Impedance:	50Ω
Velocity of Propagation:	88%
Effective Dielectric Constant:	1.29
Time Delay:	1.15 ns/ft
Shielding Effectiveness:	-90 dBc min.
Dielectric Withstanding Voltage:	10.0 KV (@ 60 Hz, Sea Level/25°C)
Nominal Capacitance:	24 pF/ft
Maximum Frequency:	3 GHz

For phase and other electrical characteristics, please consult the appropriate section of catalog.



Frequency (GHz)	Typical Insertion Loss (dB/ft)	Typical Connector Loss (dB)	Typical VSWR
0.2	0.0040	0.01	1.15:1
0.4	0.006	0.02	1.20:1
0.8	0.012	0.02	1.25:1
1.0	0.015	0.02	1.30:1
2.0	0.022	0.03	1.35:1
3.0	0.031	0.04	1.35:1

Physical Characteristics:

Center Conductor:	Corrugated Tubular Copper
Dielectric:	Air with spiral wound PTFE
Outer Conductor:	Strip wound oxygen free copper per UNS C10200, 1.9" max. O.D.
Minimum Internal Operating Temperature:	-60°C to +175°C
Bend Radius	5 inches
Weight per Foot (unjacketed):	1.078 lbs.

Optional Jacketing and Braid:

Polyolefin per AMS-DTL-23053/5:	1.96" max. O.D.
Neoprene per AMS-DTL-23053/1:	1.98" max. O.D.
Braid:	Bronze per UNS C22000, 1.96" max. O.D.

Others available, please consult factory.