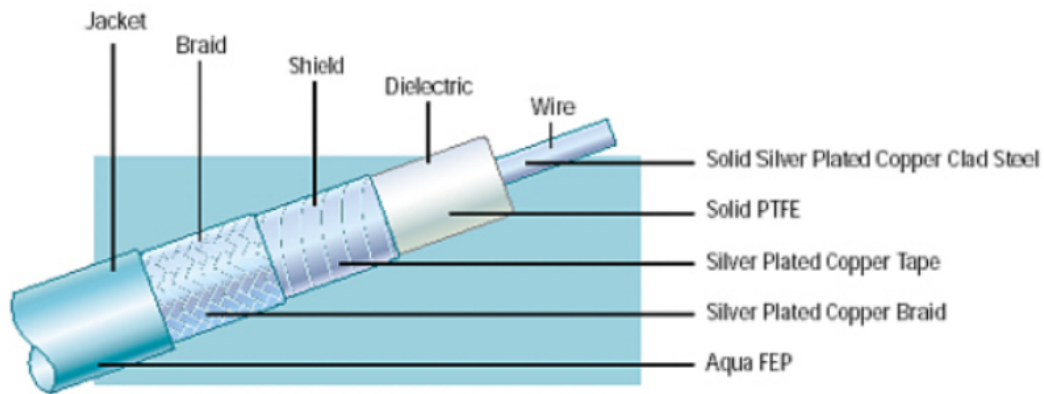


160D Series Low Loss Flexible Cable Assemblies



Construction

Structure

Center Conductor
Dielectric
Outer Shield
Outer Conductor
Jacket

Material

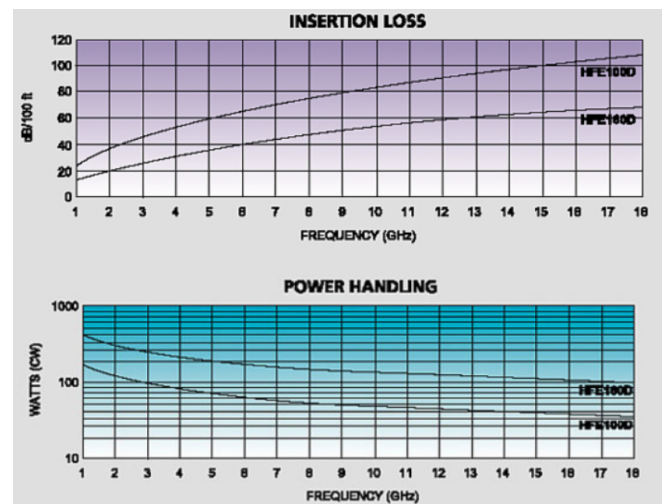
Silver Plated Copper Wire
PTFE
Silver Plated Copper Tape
Silver Plated Copper Braid
FEP

Diameter in inches (mm)

0.036 (0.914)
0.120 (3.048)
0.140 (3.560)
0.162 (4.115)

Specifications

Frequency	18 GHz
Insulation Resistance	5000MΩ
Impedance	50Ω
Dialectric Withstanding Voltage	2000V
Shielding Effectiveness @ 1GHz	90dB Min
Velocity	70.5%
Capacitance, pF/ft. (pF/meter)	29.3 (96.1)
Power	See Graph
Bend Radius, in (mm)	0.500 (12.700)
Weight, grams/ft. (grams/meter)	13.180 (43.250)
Operating Temperature	-65°C - +125°C



Attenuation vs. Frequency

Frequency (GHz)	Attenuation dB/ft (dB/m)
0.5	0.090 (0.295)
1.0	0.120 (0.394)
10.0	0.450 (1.476)
18.0	0.650 (2.133)