



Semi-FlexForm, Coaxial Cable

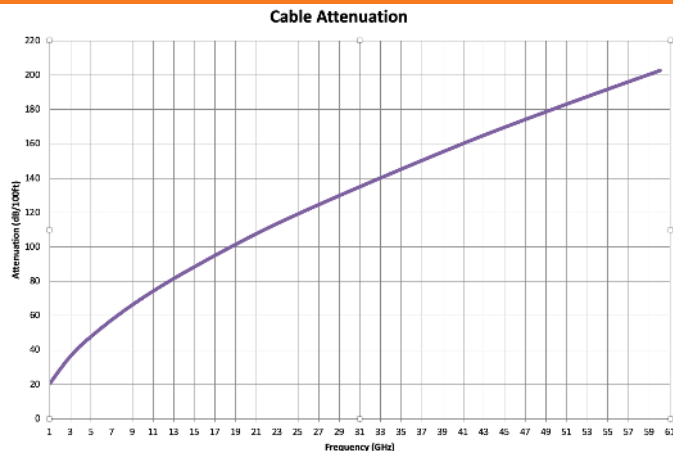


Construction

Item	Material	Diameter	Characteristic
1. Center Conductor	Silver Plated OFHC Solid Copper	0.51mm (0.020")	Solid
2. Dielectric	Laminated PTFE Dielectric	1.63mm (0.064")	Solid
3. Outer Conductor(1)	Silver Plated OFHC Copper Foil	1.78mm (0.070")	Foil
4. Outer Conductor(2)	Tin Plated OFHC Copper Braid	2.16mm (0.085")	Braid
5. Jacket	FEP	2.64mm (0.104")	Black

Electrical & Mechanical Data

Characteristic impedance	50 Ohm
Operating frequency	60GHz (Max.)
Velocity of propagation	71%
Signal delay	4.59ns/m
Capacitance	95pF/m
Operating temperature	-65°C ~ 165°C
Shield effectiveness to 18GHz	100dB
Working Voltage	1500Vrms (Max)
Weight	16.0kg/km
Min. bending radius	4mm (Single) 15mm (Multiple)



Performance Data - (GHz/100ft - K1=19.545/K2=0.855)

Frequency (GHz)	Max Attenuation		Max. Power (Watt)
	dB/100m	dB/100ft	
1	66.91	20.40	220.00
4	139.43	42.51	120.00
10	230.78	70.36	70.00
18	322.46	98.31	50.00
26	399.80	121.89	40.00
40	517.62	157.81	30.00
50	593.52	180.95	25.00
60	664.82	202.69	22.00