

Flexible, Spiral Strip/Braided, Coaxial Cable

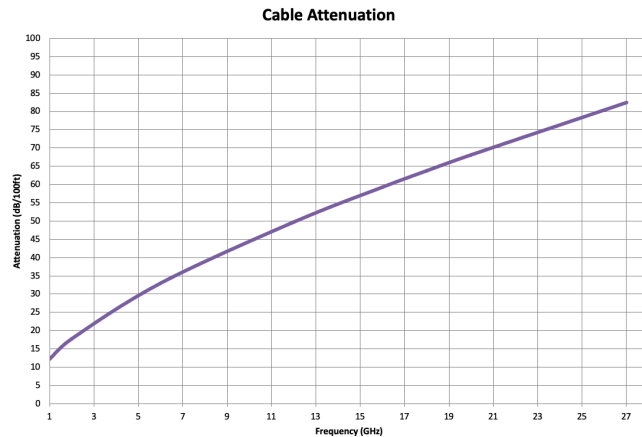


Construction

Item	Material	Diameter	Characteristic
1. Center Conductor	Silver Plated Copper Clad Steel Wire	0.92mm (0.036")	Solid
2. Dielectric	PTFE	2.97mm (0.117")	Solid
3. Outer Conductor(1)	Silver Plated Copper Flat Tape	3.20mm (0.128")	Tape
4. Outer Conductor(2)	Silver Plated Copper Braid	3.58mm (0.141")	Braid
5. Jacket	FEP	4.14mm (0.163")	Blue

Electrical & Mechanical Data

Characteristic impedance	50 Ohm
Operating frequency	27GHz (Max.)
Velocity of propagation	70%
Signal delay	4.72ns/m
Capacitance	95pF/m
Operating temperature	-55°C to +165°C
Shield effectiveness to 18GHz	> 90dB
Working Voltage	1900Vrms (Max)
Weight	43.6kg/km
Min. bending radius	10mm (Single) 40mm (Multiple)



Performance Data - (GHz/100ft - K1=11.325/K2=0.875)

Frequency (GHz)	Max Attenuation		Max. Power (Watt)
	dB/100m	dB/100ft	
1	40.02	12.20	373.00
2	72.82	22.20	255.00
6	97.09	29.60	151.00
12	145.96	44.50	108.00
16	185.98	56.70	94.00
18	208.94	63.70	88.00
20	223.04	68.00	84.00
27	264.04	80.50	73.00