

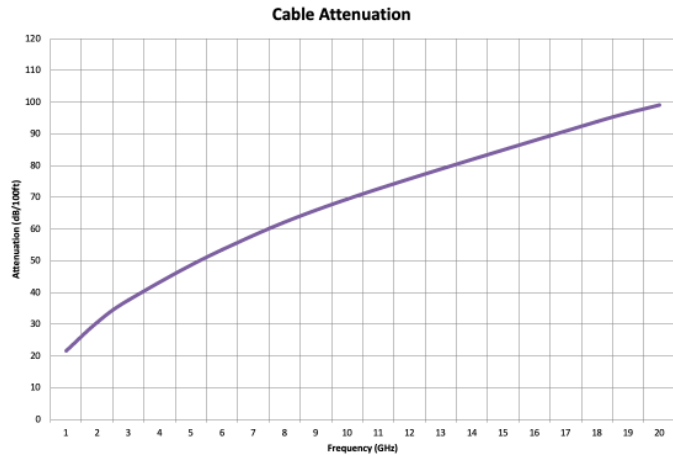


## Construction

Item	Material	Diameter	Characteristic
1. Center Conductor	Silver Plated Copper Clad Steel Wire	0.52mm (0.020")	Solid
2. Dielectric	Solid PTFE	1.65mm (0.064")	Solid
3. Outer Conductor	Tin Soaked Copper Braid	2.15mm (0.085")	Braid

## Electrical & Mechanical Data

Characteristic impedance	50 Ohm
Operating frequency	20GHz (Max.)
Velocity of propagation	70%
Signal Delay	4.7ns/m
Capacitance	95pF/m
Operating Temperature	-55°C ~ 165°C
Shield effectiveness to 18GHz	100dB
Working Voltage	1500Vrms (Max)
Weight	16.0kg/km
Min. bending radius	6.0mm Single 20.0mm Multiple



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

Frequency (GHz)	Max Attenuation		Max. Power (Watt)
	dB/100m	dB/100ft	
1	71.01	21.65	121.50
2	100.73	30.71	66.60
3	123.62	37.69	52.20
6	175.68	53.56	35.80
10	227.93	69.49	31.50
18	308.06	93.92	27.00
20	325.21	99.15	24.30