



Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	0.29 mm	Solid
Dielectric	PTFE	0.94mm	Solid
Outer Conductor	Tin Plated Copper Braid & Tin Soaked	1.20 mm	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	70 %
Capacitance	95 pF/m
Operating Temperature	- 65°C ~ 165°C
Shield Effectiveness	> 110 dB
Working Voltage	1.000 Vrms (Max.)
Min. Bending Radius	3.2 mm (Single)

Attenuation

Frequency (GHz)	Attenuation	
	(dB/m)	(dB/ft)
0.5	0.82	0.250
1	1.21	0.369
5	2.93	0.893
10	4.30	1.311
18	5.95	1.814
20	6.30	1.920