



## Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	2.28 mm (0.089 in)	Stranded (19/0.42)
Dielectric	PTFE	3.13 mm (0.123 in)	Solid
Outer Conductor	TC	3.70 mm (0.146 in)	100% Coverage
Jacket	FEP	4.35 mm (0.171 in)	BROWN

## Electrical & Mechanical Data

Characteristic Impedance	17 $\Omega$ ( $\pm 2$ )
Operating Frequency	12 GHz (Max.)
Velocity of Propagation	70 %
Signal Delay	4.7 ns/m
Capacitance	280 pF/m
Operating Temperature	-65 / +165 °C
Working Voltage	1000 Vrms (Max.)
Weight	67.0 kg/km
Min. Bending Radius	15 mm (single) 50 mm (multiple)

## Attenuation & Power Handling

Frequency (GHz)	Max. Attenuation		Average Power (W)
	(dB/m)	(dB/ft)	
0.1	0.30	0.100	1200
0.5	0.63	0.190	810
1.0	1.00	0.330	520
2.0	1.52	0.499	455
3.0	1.87	0.613	345
5.0	2.07	0.680	240
10.0	2.80	0.924	115

