



### Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	0.31 mm (0.012 in)	Stranded (7 x 0.10mm)
Dielectric	PTFE	0.84 mm (0.033 in)	Teflon
Outer Conductor	SPC	1.30 mm (0.051 in)	
Jacket	FEP	1.80 mm (0.071 in)	LIGHT BROWN

### Electrical & Mechanical Data

Characteristic Impedance	50 $\Omega$ ( $\pm 2$ )
Operating Frequency	dc - 3 GHz
Cutoff Frequency	100 GHz
Velocity of Propagation	70 %
Signal Delay	4.8 ns/m
Capacitance	98 pF/m
Operating Temperature	-65 / +165 $^{\circ}\text{C}$
Working Voltage	750 Vrms (Max.)
Weight	8.4 kg/km
Min. Bending Radius	10 mm (single) 27 mm (multiple)

### Attenuation & Power Handling

Frequency (MHz)	Typ. Attenuation		Average Max. Power (W)
	(dB/100m)	(dB/100ft)	
50	33	10.0	255
100	48	14.6	185
150	59	18.0	153
450	106	32.3	88
1000	161	49.1	58
3000	265	80.8	29

