

SR-250



Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	1.63 mm (0.064 inch)	Solid
Dielectric	PTFE	5.31 mm (0.209 inch)	Solid
Outer Conductor	TC	6.35 mm (0.250 inch)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	18 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	29.0 pF/ft (95.1 pF/M)
Operating Temperature	- 40 °C ~ 125 °C
Shield Effectiveness	> -110 dB
Working Voltage	3,000 Vrms (Max.)
Weight	147 kg / km
Min. Bending Radius	9.53 mm (0.38 inch)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.4	0.15	0.046
1	0.25	0.076
3	0.39	0.119
10	1.08	0.329
18	1.57	0.479