

SR-047 TC**Semi-Rigid Coaxial Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.29 mm (0.0114 inch)	Solid
Dielectric	PTFE	0.94 mm (0.037 inch)	Solid
Outer Conductor	TC	1.19 mm (0.047 inch)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	105 pF/m
Operating Temperature	- 40 °C ~ 125 °C
Shield Effectiveness	> -110 dB
Working Voltage	1000 Vrms (Max.)
Weight	5.7 kg / km
Min. Bending Radius	3.0 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.5	0.92	0.280
1	1.31	0.399
5	2.95	0.899
10	4.27	1.301
20	6.23	1.899