

SR-085 TC**Semi-Rigid Coaxial Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.51 mm (0.0201 inch)	Solid
Dielectric	PTFE	1.68 mm (0.066 inch)	Solid
Outer Conductor	TC	2.19 mm (0.086 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	1500 Vrms (Max.)
Weight	20.2 kg / km
Min. Bending Radius	3.2 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.5	0.48	0.146
1	0.72	0.219
5	1.64	0.500
10	2.62	0.799
20	4.27	1.301