

SR-141 TC

Semi-Rigid Coaxial Cable



Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.92 mm (0.036 inch)	Solid
Dielectric	PTFE	2.97 mm (0.117 inch)	Solid
Outer Conductor	TC	3.58 mm (0.141 inch)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	98 pF/m
Operating Temperature	- 40 °C ~ 125 °C
Shield Effectiveness	> -110 dB
Working Voltage	1900 Vrms (Max.)
Weight	46.7 kg / km
Min. Bending Radius	6.35 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.5	0.26	0.079
1	0.39	0.119
3	0.69	0.210
5	0.95	0.290
10	1.48	0.451
18	2.09	0.637
20	2.30	0.701