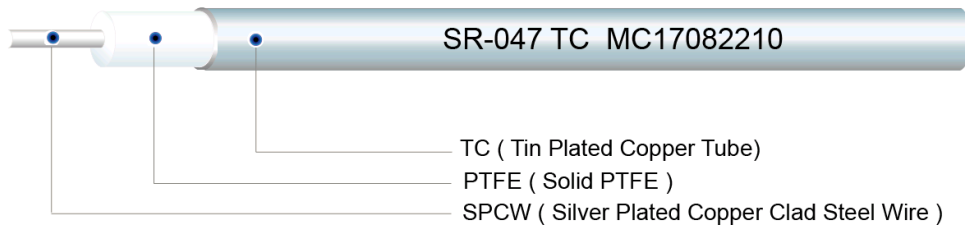


SR-047



Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.287 mm (0.0113 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	40 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	1,000 Vrms (Max.)
Weight	5.7 kg / km
Min. Bending Radius	1.91 mm (0.08 inch)

Attenuation

Frequency (GHz)	Nom. Attenuation		Max. Power (W)
	(dB/100m)	(dB/100ft)	
0.5	78.7	24.0	67.5
1.0	112.2	34.2	47.4
5.0	258.5	78.8	20.7
10.0	373.4	113.8	14.4
18.0	513.5	156.5	10.5
26.5	635.8	193.8	8.5
40.0	801.2	244.2	6.8