

SR-047-TP



Description Copper Jacketed Semi Rigid 047 Size 50 Ohm Tin Plated	Specification Mil-C-17/151
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CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPCW	0.29 ± 0.02mm	
2	DIELECTRIC	PTFE	0.92 ± 0.03mm	SOLID
3	OUTER SHIELD	TC	1.19 ± 0.03mm	TUBE/100% COVERAGE

비고

SPCW	PTFE	TC
Silver Plated Copper clad steel Wire	Polytetrafluoroethylene	Tinned Copper

ELECTRICAL DATA

ITEM	SPECIFICATION
Operating frequency	Max. 26.5 GHz
Conductor resistance	Max. 20.9 Ω / 100ft (20°C)
Dielectric resistance	Min. 1000MΩ .km (20°C)
Test voltage	2000Vrms (1min)
Velocity of propagation	Nom. 69.5%
Capacitance	Max. 95.2 pF/m
Characteristic impedance	50 ± 1.5Ω
Operating Temp	-40°C~185°C
Bending Radius	3.0 mm
Approx. weight	5.7 kg/km
Maximum Attenuation	1 GHz 1.12 dB/m 47.4Watt
	5 GHz 2.59 dB/m 20.7 Watt
	10 GHz 3.73 dB/m 14.4 Watt
	18 GHz 5.13 dB/m 10.5 Watt
	26.5 GHz 6.36 dB/m 8.5 Watt