

SR-141/50-AL/TP



Description Copper Jacketed Semi Rigid 141 Size 50 Ohm Tin Plated	Specification Mil-C-177/130
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CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPC	0.92 ± 0.02mm	Solid type
2	DIELECTRIC	PTFE	2.95 ± 0.03mm	SOLID
3	OUTER SHIELD	AL/TP	3.58 ± 0.05mm	TUBE/100% COVERAGE

비고

SPCW	PTFE	AL/TP
Silver Plated Copper clad steel Wire	Polytetrafluoroethylene	Aluminum/Tinned Plated

ELECTRICAL DATA

ITEM	SPECIFICATION
Operating frequency	Max. 18 GHz
Conductor resistance	Max. 2.06 Ω / 100ft (20°C)
Dielectric resistance	Min. 1000MΩ .km (20°C)
Test voltage	5000Vrms (1min)
Velocity of propagation	Nom. 69.5%
Capacitance	Max. 95.2 pF/m
Characteristic impedance	50 ± 2Ω
Operating Temp	-40°C~185°C
Bending Radius	6.4 mm
Approx. weight	46.7 kg/km
Maximum Attenuation	1 GHz 0.14 dB/m 336.2 Watt
	5 GHz 0.91 dB/m 140.4 Watt
	10 GHz 1.36 dB/m 94.6 Watt
	18 GHz 1.96 dB/m 66.8 Watt