SR-047-TP

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

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℃)		
Dielectric resistance	Min. 1000MΩ .km (20℃)		
Test voltage	2000Vrms (1min)		
Velocity of propagation	Nom. 69.5%		
Capacitance	Max. 95.2 pF/m		
Characteristic impedance	50 ± 1.5Ω		
Operating Temp	125℃		
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

SJ CABLE

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