

SR-085/50-TP



Description	Specification
Copper Jacketed Semi Rigid 085 Size Size 50 Ohm Tin Plated	Mil-C-17/133

CONSTRUCTION				
NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPCW	0.51 ± 0.02mm	Solid type
2	DIELECTRIC	PTFE	1.68 ± 0.03mm	SOLID
3	OUTER SHIELD	TC	2.20 ± 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. 20 GHz
Conductor resistance	Max. 2.57 Ω / 100ft (20℃)
Dielectric resistance	Min. 1000MΩ .km (20℃)
Test voltage	5000Vrms (1min)
Velocity of propagation	Nom. 69.5%
Capacitance	Max. 95.2 pF/m
Characteristic impedance	50 ± 1.5Ω
Operating Temp	-40℃~185℃
Bending Radius	3.2 mm
Approx. weight	20.2 kg/km
Shielding Effect	100dB (max.)

Maximum Attenuation	1 GHz	0.72 dB/m	57.2 Watt
	5 GHz	1.64 dB/m	39.3 Watt
	10 GHz	2.62 dB/m	28.3 Watt
	20 GHz	4.27 dB/m	22.7 Watt