

SR-250-TP



Description	Specification
Copper Jacketed Semi Rigid 250 Size 50 Ohm Tin Plated	Mil-C-17/129

CONSTRUCTION				
NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPC	1.63 ± 0.02mm	Solid type
2	DIELECTRIC	PTFE	5.31 ± 0.05mm	SOLID
3	OUTER SHIELD	TC	6.35 ± 0.05mm	TUBE/100% COVERAGE
비고				
SPCW		PTFE		TC
Silver Plated Copper clad steel Wire		Polytetrafluoroethylene		Tinned Copper
ELECTRICAL DATA				
ITEM		SPECIFICATION		
Operating frequency		Max. 18 GHz		
Conductor resistance		Max. 2.257 Ω / 100ft (20℃)		
Dielectric resistance		Min. 1000MΩ .km (20℃)		
Test voltage		7500Vrms (1min)		
Velocity of propagation		Nom. 69.5%		
Capacitance		Max. 95.2 pF/m		
Characteristic impedance		50 ± 1Ω		
Operating Temp		-40℃~185℃		
Bending Radius		10 mm		
Approx. weight		147.0 kg/km		
Maximum Attenuation		1 GHz	0.25 dB/M	961.1 Watts
		3 GHz	0.52 dB/M	387.6 Watts
		10 GHz	1.08 dB/M	255.3 Watts
		18 GHz	1.57 dB/M	176.2 Watts