

SR-250-AL-TP



Description	Specification
Aluminum Jacketed Semi Rigid 250 Size 50 Ohm Tin Plated	

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	ALTP	6.35 ± 0.05mm	TUBE/100% COVERAGE

비고

SPCW	PTFE	ALTP
Silver Plated Copper clad steel Wire	Polytetrafluoroethylene	Tinned Aluminum

ELECTRICAL DATA

ITEM	SPECIFICATION
Operating frequency	Max. 18 GHz
Conductor resistance	Max. 2.257 Ω / 100ft (20°C)
Dielectric resistance	Min. 1000MΩ .km (20°C)
Test voltage	7500Vrms (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	10 mm
Approx. weight	147.0 kg/km
Maximum Attenuation	1 GHz 0.24 dB/M - Watts
	5 GHz 0.60 dB/M 961.1 Watts
	10 GHz 0.93 dB/M 387.6 Watts
	18 GHz 1.38 dB/M 255.3 Watts
	26.5 GHz - dB/M 176.2 Watts