

RG-142



Description RG CABLE 4.95mm (0.195 inch) / 50 Ohm	Specification Mil-C-17/60-RG142
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CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPC	0.945 ± 0.02mm	Strand 1/0.939mm
2	DIELECTRIC	PTFE	2.95 ± 0.03mm	SOLID
3	OUTER SHIELD	SPC	3.60 ± 0.05mm	94.8% (nom.)
4	OUTER SHIELD	SPC	4.23 ± 0.05mm	93.1% (nom.)
5	Jacket(Optional)	FEP	4.95 ± 0.1mm	Brown

비고

SPC	PTFE	FEP
Silver Plated Copper	Polytetrafluoroethylene	Fluorinated Ethylene Propylene

ELECTRICAL DATA

ITEM	SPECIFICATION
Operating frequency	Max. 5 GHz
Conductor resistance	Max. 2.06 Ω / 100ft (20°C)
Dielectric resistance	Min. 1000MΩ .km (20°C)
Test voltage	2000Vrms (1min)
Velocity of propagation	70%
Capacitance	88.4 pF/m
Characteristic impedance	50 ± 2Ω
Approx. weight	64.0 kg/km
Operating Temp	-40°C ~ 185°C
Maximum Attenuation	500 MHz 0.31 dB/m
	1 GHz 0.45 dB/m
	3 GHz 0.87 dB/m
	5 GHz 1.20 dB/m