

RG-179



Description	Specification
RG CABLE	Mil-C-17/94-RG179
2.54mm (0.100 inch) / 75 Ohm	

CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPCW	0.31 ± 0.02mm	Strand 7/0.102mm
2	DIELECTRIC	PTFE	1.57 ± 0.03mm	SOLID
3	OUTER SHIELD	SPC	2.0 ± 0.05mm	94% (nom.)
4	Jacket(Optional)	FEP	2.54 ± 0.1mm	Brown

비고

SPCW	PTFE	SPC	FEP
Silver Plated Copper clad steel Wire	Polytetrafluoroethylene	Silver Plated Copper	Fluorinated Ethylene Propylene

ELECTRICAL DATA

ITEM	SPECIFICATION	
Operating frequency	Max. 3 GHz	
Conductor resistance	Max. 24.45 Ω / 100ft (20℃)	
Dielectric resistance	Min. 1000MΩ .km (20℃)	
Test voltage	2000Vrms (1min)	
Velocity of propagation	70%	
Capacitance	92.5 pF/M	
Characteristic impedance	75 ± 2Ω	
Approx. weight	14.8 kg/km	
Operating Temp	-40℃ ~ 185℃	
Maximum Attenuation	400 MHz	0.502 dB/m
	1 GHz	0.831 dB/m
	2 GHz	1.235 dB/m
	3 GHz	1.569 dB/m