

RG-178



Description	Specification
RG CABLE	Mil-C-17/93-RG178
1.80mm (0.071 inch) / 50 Ohm	

CONSTRUCTION				
NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPCW	Strand 7/0.102mm	
2	DIELECTRIC	PTFE	0.82 ± 0.02mm	SOLID
3	OUTER SHIELD	SPC	1.30 ± 0.05mm	95% (nom.)
4	Jacket(Optional)	FEP	1.80 ± 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°C)		
Dielectric resistance		Min. 1000MΩ .km (20°C)		
Test voltage		2000Vrms (1min)		
Velocity of propagation		70%		
Capacitance		92.5 pF/M		
Characteristic impedance		50 ± 2Ω		
Approx. weight		8.4 kg/km		
Operating Temp		-40°C ~ 185°C		
Maximum Attenuation		200 MHz	0.667 dB/m	
		400 MHz	0.963 dB/m	
		1 GHz	1.587 dB/m	
		3 GHz	2.968 dB/m	