

# RG-178



<b>Description</b> <b>RG CABLE</b> <b>1.80mm (0.071 inch) / 50 Ohm</b>	<b>Specification</b> <b>Mil-C-17/93-RG178</b>
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## CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	0.31 ± 0.02mm	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	100 MHz      0.46 dB/m
	400 MHz      0.93 dB/m
	1 GHz        1.48 dB/m
	3 GHz        2.64 dB/m