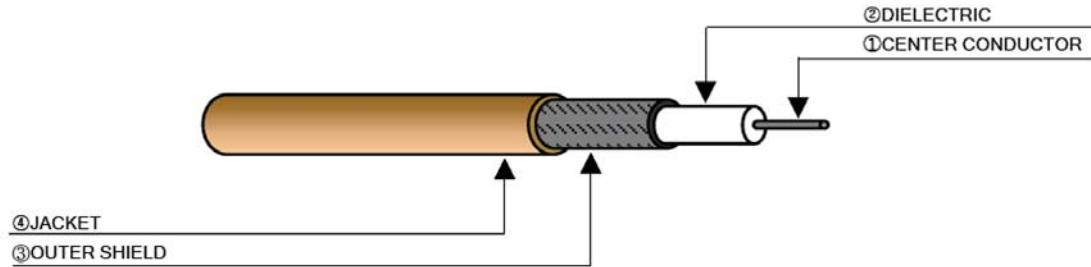


## RG-178

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



### CONSTRUCTION

ITEM	MATERIAL	DIAMETER	REMARK
①	SPCW	0.30±0.02mm	Strand 7/0.101mm
②	PTFE	0.83±0.05mm	SOLID
③	SPC	1.30±0.15mm	95%(nom.)
④	FEP	1.80±0.12mm	BROWN

- \* SPCW: Silver Plated Copper clad steel Wire
- \* PTFE: PolyTetraFluorEthylene
- \* SPC: Silver Plated Copper
- \* FEP: Fluorinated Ethylene Propylene

### ELECTRICAL DATA

ITEM	SPECIFICATION		
CAPACITANCE	104.9 pF/m (32.0 pF/FT) (nom.)		
CHARACTERISTIC IMPEDANCE	50±3 Ω		
OPERATING FREQUENCY	3 GHz		
OPERATING TEMP	-40°C ~ +165°C		
OPERATING VOLTAGE	1,000 vrms (max.)		
VOLTAGE WITHSTANDING	2,000 vrms (min)		
WEIGHT	9 kg/Km		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft (dB/M)	Power (Watts)
	100	16.0(0.52)	255
	200	21.6(0.71)	-
	400	33.0(1.08)	113
	800	43.3(1.42)	-
	1,000	52.0(1.70)	66
	2,000	71.0(2.33)	-
	3,000	80.5(2.64)	-
5,000	110.3(3.62)	-	

The data provided in this publication indicates nominal values unless stated otherwise and is only valid for reference purposes at the time of publication and all information is subject to change without prior notice.