

# RG-400



<b>Description</b> <b>RG CABLE</b> <b>4.95mm (0.195 inch) / 50 Ohm</b>	<b>Specification</b> <b>Mil-C-17/128-RG400</b>
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## CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPC	1.00 ± 0.02mm Strand 19/0.203mm	
2	DIELECTRIC	PTFE	2.95 ± 0.03mm	SOLID
3	OUTER SHIELD	SPC	3.60 ± 0.05mm	94.8% (nom.)
4	OUTER SHIELD	SPC	4.20 ± 0.05mm	93.6% (nom.)
5	Jacket(Optional)	FEP	4.95 ± 0.1mm	Brown

비고

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

## ELECTRICAL DATA

ITEM	SPECIFICATION	
Operating frequency	Max. 5 GHz	
Conductor resistance	Max. 0.91 Ω / 100ft (20°C)	
Dielectric resistance	Min. 1000MΩ .km (20°C)	
Test voltage	3000Vrms (1min)	
Velocity of propagation	70%	
Capacitance	105 pF/M	
Characteristic impedance	50 ± 2Ω	
Operating Temp	-40°C / 125°C	
Approx. weight	64.0 kg/km	
Min. bending radius	50 mm (multiple)	
Maximum Attenuation	500 MHz	0.32 dB/m
	1 GHz	0.48 dB/m
	3 GHz	0.95 dB/m
	5 GHz	1.33 dB/m