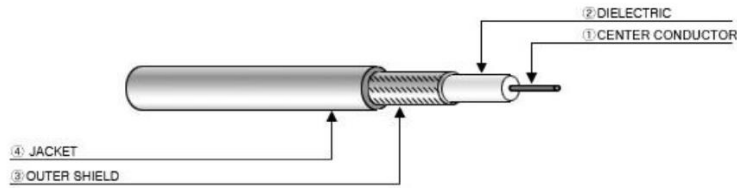


RG58 Cable Data Sheet

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► Cable Design

RG cable 4.95mm (0.195 inch) / 50 Ω
In Compliance with Mil-C-17/28-RG58



	Material	Diameter	Remark
Center Conductor	TC (Tin Copper)	0.90 ± 0.02mm	Strand 19/0.182mm
Dielectric	PE (PolyEthylene)	2.95 ± 0.15mm	Solid
Outer Shield	TC	3.60 ± 0.15mm	96%(nom.)
Jacket	PVC (Polyvinyl Chloride)	4.95 ± 0.20mm	Black

► Electrical Data

	Specification	
Operating Frequency	1 GHz	
Impedance	50 Ω	
Capacitance	101.0 pF/m (30.8 pF/FT)(nom.)	
Operating Voltage	1900 vrms (max)	
Operating Temp.	- 40°C ~ + 85°C	
Weight	38.6 kg/km	
Maximum Attenuation	100 MHz	4.8 dB/100ft (0.16 dB/M)
	200 MHz	6.7 dB/100ft (0.22dB/M)
	400 MHz	9.7 dB/100ft (0.32dB/M)
	800 MHz	15.2 dB/100ft (0.50dB/M)
	1000 MHz	17.3 dB/100ft (0.57dB/M)
	2000 MHz	26.2 dB/100ft (0.86dB/M)
	5000 MHz	46.6 dB/100ft (1.53dB/M)