

RG 58 data sheet

Specification	MIL- DTL-17/28C			
		Unit	RG 58/U	RG 58C/U
Center Conductor	Material	-	CU(A)	TA
	Structure	-	1 / 0.82	19 / 0.18
	External Diameter	mm	0.82	0.9
Dielectric	Material	-	PE (Solid Polyethylene)	
	Thickness	mm	1.05	1.02
	External Diameter	mm	2.92	2.95
Outer Conductor	Material	-	TA (Tin-plated copper wire)	
	Structure	Ends/Carriers	0.127 / 7 ends / 16 carriers	
	External Diameter	mm	3.49	3.81
Sheath	Material	-	PVC (Black)	
	External Diameter	mm	4.76	4.95
Impedence		Ω	50 \pm 2	
Frequency		GHz	1.0	
With Standing Voltage		Vrms	5,000	
Capacitance (at 1 kHz)		pF/m	105.6	
Attenuation (20 °C)	50 MHz	dB/m	0.1312	
	100 MHz		0.2133	
	400 MHz		0.5577	
	1.0 GHz		0.9186	
Service Temperature		°C	- 40°C ~ 85°C	
Approximate Weight		g/m	38.8	