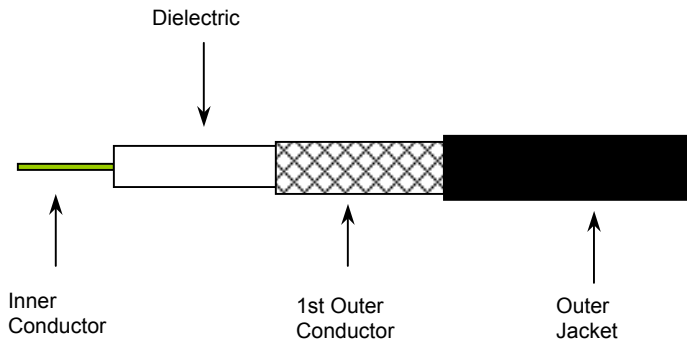




Series 58 Coaxial Cable
 Stranded Tin Copper Conductor
 Solid Polyethylene Dielectric
 95% Tin Copper Braid Screen
 PVC Jacket



Cable Ordering Information

Part Number	Standards
RG58C/U	MIL-C-17, IEC 60332-1

Characteristics

Material	Detail	inches	mm
Inner Conductor	Stranded tin copper	19/0.007	19/0.18
Dielectric	Solid Polyethylene	0.116	2.95
1 st Outer Conductor	95% Tin Copper Braid	0.148	3.75
Jacket	Black PVC	0.195	4.95

Mechanical Specifications

Minimum Bend Radius in. (mm)		1.0	25.4
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Electrical Specifications

Characteristic Impedance, Ω	50 \pm 3	
Velocity of Propagation, %	66	
Capacitance, Nominal	30.48 pF/ft	30.48 pF/ft
DC Resistance	Ω / kft	Ω / km
Inner Conductor	9.15	30

Attenuation, Maximum @ 68 °F (20 °C)

Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.975	3.2
10	1.280	4.2
100	4.877	16.0
200	7.010	23.0
400	10.515	34.5
1000	18.287	60.0

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