



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	

Electrical Specifications					
Characteristic Impedance, Ω	50 ± 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			

Print Legend: DRAKA COMTEQ RG-58 C/U MIL-C-17 50 OHM COAXIAL CABLE

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Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.