

Coaxial Cable Specification

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Specification		RG58C/U	Construction DWG.	
Construction Item		Component		
Inner Conductor	Diameter	19/.0072"[.18mm] (Overall .0375"[.95mm] Max.)		
	Material	STRANDED TINNED COPPER		
Dielectric	Diameter	.116"+/-.004" [2.95 +/- .10mm]		
	Material	POLYOLEFIN		
Braid Shield	Material	TINNED COPPER BRAID (95% COVERAGE)	Marking On Surface	
Jacket	Diameter	.197" +/- .006" [5.0 +/- .15mm]	WWW.L-COM.COM RG-58C/U 50 Ω COAXIAL CABLE	
	Material	PVC		
	Color	BLACK WITH WHITE TEXT		
Electrical/Environmental Characteristics			Attenuation (Typical)	
Capacitance (pF/ft)	16.1	Frequency (MHz)	Attenuation (>dB/100ft)	
Impedance (Ω)	50	50	3.3	
Velocity (%)	84	100	4.9	
Dielectric Strength	500 Vac / 1 min	200	7.3	
Nom. Cond. Resistance (Ω/km)	37.4	400	11.5	
		1000	21.5	
Mechanical and Environmental Characteristics				
Min Bend Radius (in/mm)	2.0" [51mm]	Operating Temperature (°C)	-20°C to +80°C	
Listings/Ratings: ROHS COMPLIANT				
Packaging: 100.0 FT/LOGO BAG; 500.0 FT/SPOOL W/STRETCH WRAP; 1,000.0 FT/ W/STRETCH WRAP				

(Information subject to change without notice)