

# 100m Coaxial Cable Roll RG58C/U Type 5mm, Made to MIL-C-17D Spec 56MM-E58-100



*For the Best*

100m High quality 5mm 50 ohm RG58C/U Coaxial Cable for CB Radio systems. Suited for use with VHF and UHF radio systems with shorter cable runs between devices and computer networking.

## Features and Benefits

- » 100m RG58C/U coaxial cable suitable for radio transmission, amateur radio and base radio antenna station
- » Impedance: 50 $\Omega$  nominal
- » Velocity of propagation - 66%
- » Cut and terminate to the exact lengths required
- » Frequency range 30-1000MHz
- » Capacitance 98.4pF/M



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## 56MM-E58-100 Specifications

Construction					
	Material	Construction	OD	Tolerance	Pitch
Centre Conductor	Twisted Anneald Tinned copper wire	19/0.18mm	0.89	OD±0.05 Strands ± 0.01	2ppi
Insulation: (Dielectric)	Polyethylene	Solid	2.92mm	±0.05	
Shield	Tinned Copper Wire Braid	7/16/0.127mm	3.49mm	OD ±0.05 Strands ± 0.01	12 ppi
Jacket (Sheath)	Non Contaminating UV Stable PVC	Extruded	4.95mm	OD ±0.05	
Mechanical Characteristics					
Net Cable Weight			3.6kg/100m		
Cable weight (incl spool)			3.9kg/100m		
Max Recommended pulling tension			19kg		
Minimum Band Radius			25mm		
Operating Temperture			-40° to +80°C		
Electrical Characteristics					
		Attenuation		Average Power	
Capacitance	98.4pF/M	Frequency (MHz)	dB/100m	Watts	
Impedance	50ΩNom				
Velocity of propagation	66%	30	7.79	560	
Conductor DCR	35.4 Ohms/km	100	14.83	290	
Shield DCR	13.45 Ohms/km	200	21.55	190	
Nom. Inductance	0.194 uH/m	400	31.79	105	
Peak Power	400W @ 150MHZ	500	34.78	89	
Nominal Delay	5.05ns/mtr	800	46.30	72	
Maximum Operating Voltage	1400v RMS	1000	52.92	60	