





Industrial / Power / Data / Security / Fibre

Garland's Pro Series range is the experts' choice for high quality cables.

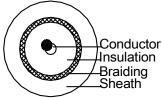
## Part No: CC58

Description	Stranded TACW 20AWG, Solid Dielectric, 93% TACW Braiding, PVC Sheath
Applicable Standards	AS/CA S008, AS 1049, UL 758
Suitable Applications	For signalling, control, telecommunication and radio-communication systems.

### **Cable Construction Drawing**

#### **Cable Construction Relative Parts**









Cable Description					
Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	20	19/0.19	0.54	0.96	TACW
Insulation	Material : Soild PE Nominal Thickness (mm) : 0.95 Nominal OD (mm) : 2.9				
Braiding	Material : TACW Coverage : 93%				
Sheath	Material: UV Stabilized PVC Colour: Black (RAL 9004 Signal Black) Nominal Thickness (mm): 0.7 Nominal OD (mm): 4.95				

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Electrical Properties							
Max. Conductor DC Resistance @ 20°C	3	$5.1\Omega/\mathrm{km}$					
Max. Outer Shied DC Resistance @ 20°0	C 1	$16.0\Omega/\text{km}$					
Nom. Capac. Conductor. to Shield @ 1	KHz 1	01±2pF/r	n				
Nom. Velocity of Propagation	6	66%					
Characteristic Impedance	5	50±3Ω					
Min. Insulation resistance	1	1,000 MΩ.km					
Voltage Test: Conductor to shield	5	500V/1min					
Voltage Test: Core to sheath	3	3.0kV ac/1min					
Voltage Test: Shield to sheath	3	3.0kV ac/1min					
Max. (MHz) 1 10	50	100	200	400	700	900	1000
Attenuation (dB /100m) (dB) 1.4 4.6	10.8	16.1	23.9	37.7	55.8	65.6	70.5

Mechanical Properties	
Operating Temperature Range	-15 to 70°C
Min. Bend Radius (install)	50mm
Approximate Mass	4.4kg/100m
Sheath Printing	GARLAND COAXIAL CABLE CC58 RG58C/U 50 OHM - AWM STYLE 1354 - MM/YYYY - "Mmark"

Supply Information					
Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet	
100m	Plastic Reel	10 x 4.5 x 3"	4R		
300m	Reel Box	15.5 x 15.5 x 7.75"	1Box		
500m	Wooden Reel	W33 x 21.8cm	1R		
1000m	Wooden Reel	W47x 21.8cm	1R		

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