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cables

pro series

Industrial / Power / Data / Security / Fibre

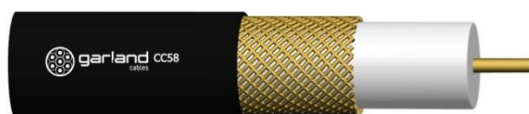
Garland's Pro Series range is the experts' choice for high quality cables.

Coaxial Cable

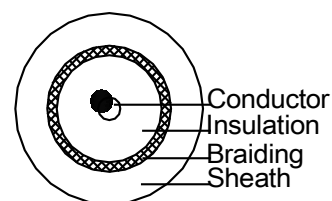
Part No: CC58

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	Stranding	Area(mm ²)	Diameter(mm)	Material
	20	19/0.19	0.54	0.96	TACW
Insulation	Material : Solid 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	35.1 Ω/km
Max. Outer Shield DC Resistance @ 20°C	16.0 Ω/km
Nom. Capac. Conductor. to Shield @ 1 KHz	101±2pF/m
Nom. Velocity of Propagation	66%
Characteristic Impedance	50±3 Ω
Min. Insulation resistance	1,000 MΩ.km
Voltage Test: Conductor to shield	500V/1min
Voltage Test: Core to sheath	3.0kV ac/1min
Voltage Test: Shield to sheath	3.0kV ac/1min

Max. Attenuation (dB /100m)	(MHz)	1	10	50	100	200	400	700	900	1000
	(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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