



garland  
cables

pro series

Industrial / Power / Data / Security / Fibre

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

## Part No: CC11

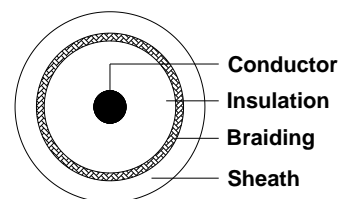
Description	Stranded TACW 18AWG, Solid Dielectric, 92% PACW Braiding, PVC Sheath.
Applicable Standards	UL 758
Suitable Applications	For signal control & communication system.

Coaxial Cable

### Cable Construction Drawing



### Cable Construction Relative Parts



### Cable Description

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	18	7/0.4	0.88	1.2	TACW
Insulation	Material : Solid PE Nominal Thickness (mm) : 2.9 Nominal OD (mm) : 7.3				
Braiding	Material : PACW Coverage : 92%				
Sheath	Material : PVC Colour : Black (RAL 9004) Nominal Thickness (mm) : 1.15 Nominal OD (mm) : 10.3				

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Sales Enquiries 1800 66 99 99  
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### Physical Characteristics

Insulation :	
Elongation at Break Before Aging	>300%
Sheath :	
Elongation at Break Before Aging	>100%
Tensile Strength Before Aging	>12MPa

### Electrical Properties

Max. Conductor DC Resistance @ 20°C	21.9Ω/km
Max. Outer Shield DC Resistance @ 20°C	4.93Ω/km
Nom. Capac. Conductor. to Shield @ 1 KHz	67±2pF/m
Characteristic Impedance	75±3Ω
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)	0.6	2.2	4.3	6.6	9.5	13.8	19.0	22.3	23.3

### Mechanical Properties

Operating Temperature Range	-15 to 70°C
Min. Bend Radius (install)	103mm
Approximate Mass	14kg/100m
Sheath Printing	GARLAND CC11 RG11 A/U 75 OHM AWM STYLE 1354 (meter marking)

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#### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Wooden Reel	W33 x 21.8cm	1R	
500m	Wooden Reel	W54x 39.4cm	1R	

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances

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