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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.

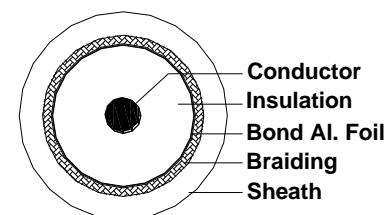
## Part No: CC6

Description	18AWG PACW, Foam Dielectric, Bonded Al Foil , 37% TACW Braiding, PVC Sheath.
Applicable Standards	UL444
Suitable Applications	For CATV/MATV, Broadband, HDTV and Satellite Broadcasting Transmission use.

### Cable Construction Drawing



### Cable Construction Relative Parts



Coaxial Cable

### Cable Description

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	18	1/1.0	0.79	1.0	PACW
Insulation	Material : Foam PE Nominal Thickness (mm) : 1.7 Nominal OD (mm) : 4.5				
Screen	Material : Bond Al. Polyester Tape			Coverage : 100%	
Braiding	Material : TACW			Coverage : 37%	
Sheath	Material : PVC Colour : Black (RAL 9004) Nominal Thickness (mm) : 0.9 Nominal OD (mm) : 6.9				

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Sales Enquiries 1800 66 99 99  
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### Physical Characteristics

Sheath :

Elongation at Break Before Aging >100%

Tensile Strength Before Aging >12MPa

### Electrical Properties

Max. Conductor DC Resistance @ 20°C 22Ω/km

Nom. Capac. Conductor. to Shield @ 1 KHz 53±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)	5	50	100	200	400	600	800	1000
	(dB)	1.65	4.95	6.9	10.5	15.0	18.3	21.0	24.0

### Mechanical Properties

Operating Temperature Range -15 to 70°C

Max. Recommended Pulling Tension 118N

Min. Bend Radius (install) 69mm

Approximate Mass 5.1kg/100m

Sheath Printing GARLAND CC6 75 OHM COAXIAL CABLE (meter marking)

### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 5.5"	4R	
300m	Reel Box	18.75 x 18.75 x 8.5"	1Box	
500m	Wooden Reel	W42 x 21.8cm	1R	

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- 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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