



garland
cables

pro series

Industrial / Power / Data / Security / Fibre

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

Part No: CC213

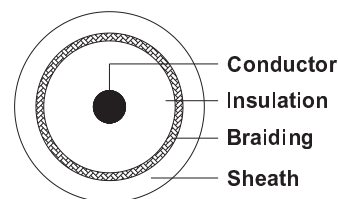
Description	Stranded PACW 13AWG, Solid Dielectric, 91% PACW Braiding, PVC Sheath.
Applicable Standards	UL 758
Suitable Applications	For signal control & communication system.

Coaxial Cable

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	13	7/0.7	2.7	2.14	PACW
Insulation	Material : Solid PE Nominal Thickness (mm) : 2.5 Nominal OD (mm) : 7.3				
Braiding	Material : PACW Coverage : 91%				
Sheath	Material : PVC Colour : Black (RAL 9004) Nominal Thickness (mm) : 1.15 Nominal OD (mm) : 10.3				

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99
www.madisontech.com.au/garland

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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 6.5Ω/km

Max. Outer Shield DC Resistance @ 20°C 4.93Ω/km

Nom. Capac. Conductor. to Shield @ 1 KHz 101±2pF/m

Characteristic Impedance 50±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	1.8	4.3	6.2	8.9	13.5	21.3	24.9

Mechanical Properties

Operating Temperature Range -15 to 70°C

Max. Recommended Pulling Tension 188N

Min. Bend Radius (install) 103mm

Approximate Mass 15.6kg/100m

Sheath Printing GARLAND - RG213/U 50 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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