



garland
cables

pro series

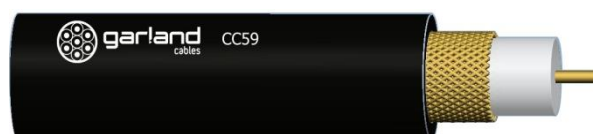
Industrial / Power / Data / Security / Fibre

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

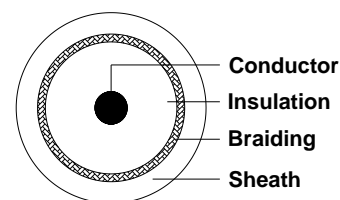
Part No: CC59

Description	23AWG PACW, Solid Dielectric, 84% PACW Braiding, PVC Sheath.
Applicable Standards	UL 758
Suitable Applications	For signal control & communication system.

Cable Construction Drawing



Cable Construction Relative Parts



Coaxial Cable

Cable Description

Conductor	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	23	1/0.6	0.29	0.6	PACW
Insulation	Material : Solid PE Nominal Thickness (mm) : 1.5 Nominal OD (mm) : 3.7				
Braiding	Material : PACW Coverage : 84%				
Sheath	Material : PVC Colour : Black (RAL 9004) Nominal Thickness (mm) : 0.9 Nominal OD (mm) : 6.2				

With Garland, you are always well connected.

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

CC59-150204.docx

made by





garland
cables

pro series

Industrial / Power / Data / Security / Fibre

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

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	62Ω/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)	2.0	3.7	8.3	11.5	16.5	23.7	32.5	37.2	40.2

Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	107N
Min. Bend Radius (install)	62mm
Approximate Mass	5.5kg/100m
Sheath Printing	GARLAND CC59 RG59B/U 75 OHM AWM STYLE 1354 (meter marking)

With Garland, you are always well connected.

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

CC59-150204.docx

made by





garland
cables

pro series

Industrial / Power / Data / Security / Fibre

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

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 5"	4R	
300m	Reel Box	17.5 x 17.5 x 8.25"	1Box	
500m	Wooden Reel	W39x 21.8cm	1R	

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

With Garland, you are always well connected.

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

CC59-150204.docx

made by



madison