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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: MC146

Security Cable

Description	Stranded 21AWG PACW, 6Cores, PVC Insulation, PVC Sheath.
Applicable Standards	AS/ACIF S008, BS4737-3.30
Suitable Applications	For inter-connecting wiring, suitable for use in Security/Intruded Alarm system; Use in low voltage/low current applications such as intercommunication. Not suitable for mains connection.

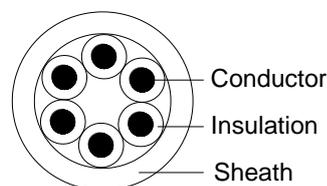
Cable Construction Drawing



Picture for illustration purposes only.
For available jacket colour options, please refer to Sheath table.



Cable Construction Relative Parts



Cable Description					
Conductor	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	21	14/0.2	0.44	0.87	PACW
Insulation	Cores :	6			
	Material :	PVC			
	Colour :	White, Blue, Red, Black, Yellow, Green			
	Nominal Thickness (mm) :	0.3			
	Nominal OD (mm) :	1.5			
Sheath	Material :	PVC			
	Available Colours :	White , Brown, Grey or Violet			
	Nominal Thickness (mm) :	0.6			
	Nominal OD (mm) :	6.1			

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Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	45.2Ω/km
Min. Insulation Resistance @ 20°C	50MΩ.km
Voltage Test: Conductor to core	1.5 kV ac/1min
Voltage Test: Core to sheath	3.0 kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	166N
Min. Bend Radius (install)	61mm
Approximate Mass	5.47kg/100m

Sheath Printing

 GARLAND SECURITY CABLE MC146 - 6 x 14/0.20
22AWG - MM/YYYY - "Mmark"

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 4.5"	4R	
250m	Reel Box	14.5 x 14.5 x 7.5"	1Box	
300m	Reel Box	17 x 17 x 8.5"	1Box	
500m	Wooden Reel	W39 x 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

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