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pro series

Industrial / Power / Data / Security / Fibre

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

Security Cable

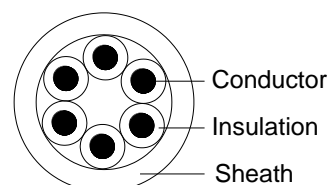
Part No: MC146GY

Description	Stranded 21 AWG (7/0.2mm) PACW, 6Cores, PVC Insulation, PVC Sheath.
Applicable Standards	AS/CA S-008, BS4737-3.30, AS 1049
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



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		Colour : Grey (RAL 7046)		
	Nominal Thickness (mm) : 0.65		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 14/0.2
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	

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