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Industrial / Power / Data / Security / Fibre

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

Security Cable

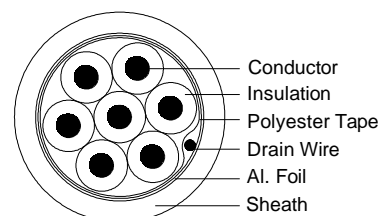
Part No: MC147SHF

Description	Stranded 21AWG (14/0.2mm) PACW, 7C, PVC Insulation, Aluminium Polyester Tape Overall Screen, 24AWG TACW (7/0.2mm) Drain Wire, LSHF Sheath.
Applicable Standards	AS/CA S-008, BS4737-3.30, AS 1049, EIA RS 232-C
Suitable Applications	For inter-connecting wiring, suitable for use in Security/Intruded Alarm systems and low bit rate unbalanced data systems such as RS-232. Can be used to interconnect DTE such as printers, fax machines and modems to consoles; 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 : 7		Material : PVC	Colour : White, Blue, Red, Black, Yellow, Green, Brown	
	Nominal Thickness (mm) : 0.3		Nominal OD (mm) : 1.5		
Screen	Material : Al. Polyester Tape		Coverage : 100%		

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Drain Wire	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	24	7/0.2	0.22	0.6	TACW
Sheath	Material : LSHF Colour : Grey Nominal Thickness (mm) : 0.75 Nominal OD (mm) : 6.55				

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	215N
Min. Bend Radius (install)	65.5mm
Approximate Mass	7.0kg/100m

Sheath Printing

 GARLAND SECURITY CABLE MC147SHF - 7 X
14/0.20 22AWG OAS LSZH - MM/YYYY - "Mmark"

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
500m	Wooden Reel	W39 x 21.8cm	1R	

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