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cables

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Industrial / Power / Data / Security / Fibre

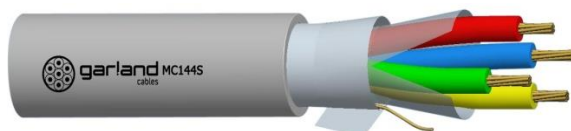
Garland's Pro Series range is the experts' choice for high quality cables.

Security Cable

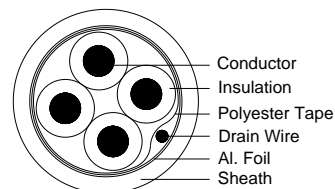
Part No: MC144S

Description	Stranded 21 AWG (14/0.2mm) PACW, 4C, PVC Insulation, Aluminium Polyester Tape, Overall Screen, TACW 24AWG Drain Wire, PVC Sheath.
Applicable Standards	AS/ACIF S008, BS4737-3.30, AS 1049
Suitable Applications	Used in signal transmission and for the connection of DTE (Data Terminal Equipment) operating on RS-422, X.27 and similar interfaces. Can also be used in the security market for connection of sensors, keypads and alarm modules.
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 :	4			
	Material :	PVC			
	Colour :	Red, Blue, Yellow, Green			
	Nominal Thickness (mm) :	0.3			
	Nominal OD (mm) :	1.5			
Drain Wire	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	24	7/0.2	0.22	0.6	TACW
Screen	Material : Al. Polyester Tape			Coverage : 100%	

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Sheath	Material :	PVC
	Colour :	Grey
	Nominal Thickness (mm) :	0.7
	Nominal OD (mm) :	5.7

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
Voltage Test: Shield to sheath	3.0 kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	123N
Min. Bend Radius (install)	56mm
Approximate Mass	4.8kg/100m

Sheath Printing  GARLAND SECURITY CABLE MC144S - 4 x 14/0.2
22AWG OAS - 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"	4R	
500m	Wooden Reel	W39 x 21.8cm	1R	

Document Change Record	Issue	Date	Prepared by	Approved By
	01	21-11-2012	YDM	Pent
Change History	Issue	Change		

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