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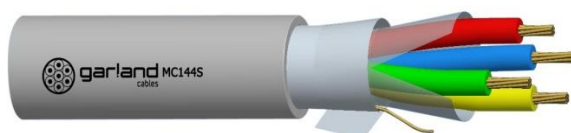
Garland's Pro Series range is the experts' choice for high quality cables.

Security Cable

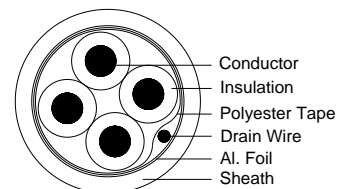
## Part No: MC144S

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 <sup>2</sup> )	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 <sup>2</sup> )	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	

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