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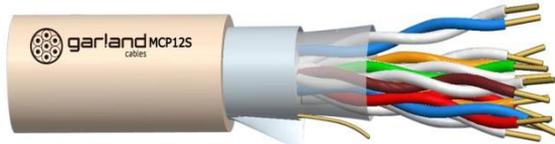
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

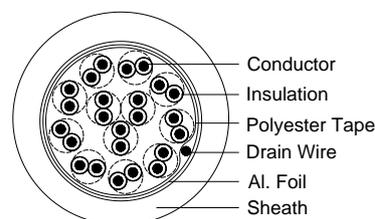
## Part No: MCP12S

Description	Stranded 24AWG (7/0.2mm) TACW, 12 Twisted Pairs, PP Insulated, Aluminium Polyester Tape Overall Screen, 24AWG (7/0.2mm) TACW Drain Wire, PVC Sheath.
Applicable Standards	AS/CA S-008, UL758, EIA-RS422, AS 1049
Suitable Applications	Used as a data and communications cable operating on RS-422 or similar transmission systems. Can be used to inter-connect DTE equipment such as modems, printers, and fax's operating up to 10 MB. Commonly used with a 9 Pin DE-9 connector. Can also be used in digital security systems to connect door strikes, motion sensors, IR sensors, keypads and alarm modules.

### Cable Construction Drawing



### Cable Construction Relative Parts



### Cable Description

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Insulation	Pairs : 12		Material : Polypropylene		
	Nominal Thickness (mm) : 0.28		Nominal OD (mm) : 1.2		
Screen	Material : Al. Polyester Tape		Coverage : 100%		

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Drain Wire	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Sheath	Material : PVC Colour : Apricot(Pantone 4745) Nominal Thickness (mm) : 0.9 Nominal OD (mm) : 10.4				

### Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	95.3Ω/km
Min. Insulation Resistance @ 20°C	1,000MΩ.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	369N
Min. Bend Radius (install)	104mm
Approximate Mass	12.33kg/100m

Sheath Printing  GARLAND DATA CABLE MCP12S - AWM 2919 80°C  
12pr x 7/0.2 24AWG OAS - MM/YYYY - "Mmark"

### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Wooden Reel	W33 x H21.8cm	1R	
500m	Wooden Reel	W58 x H27.4cm	1R	

Document Change Record	Issue	Date	Prepared by	Approved By
	01	30-11-2012	LLS	Pent

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Change History	Issue	Change		

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