



Industrial / Power / Data / Security / Fibre

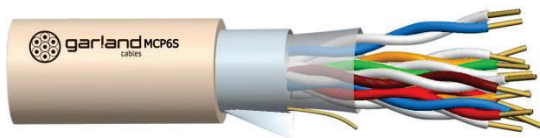
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

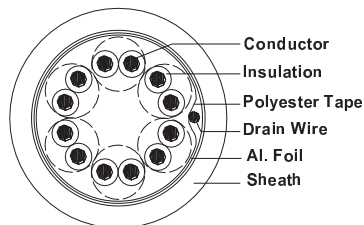
## Part No: MCP6S

Description	Stranded 24AWG (7/0.2mm) TACW, 6 Twisted Pairs, PP Insulated, Aluminium Polyester Tape Overall Screen, TACW 24AWG (7/0.2mm) 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

	AWG	Stranding	Area(mm <sup>2</sup> )	Diameter(mm)	Material
Conductor	24	7/0.20	0.22	0.60	TACW

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Insulation	Pairs : 6				
	Material : Polypropylene				
	Colour : Blue/White-Blue Stripe, Orange/White-Orange Stripe, Green/White-Green Stripe, Brown/White-Brown Stripe, Grey/White-Grey Stripe, Blue/Red-Blue Stripe				
	Nominal Thickness (mm) : 0.28				
	Nominal OD (mm) : 1.2				
Screen	Material : Al. Polyester Tape				Coverage : 100%
Drain Wire	AWG	Stranding	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Sheath	Material : PVC				
	Colour : Beige(Pantone 4745)				
	Nominal Thickness (mm) : 0.85				
	Nominal OD (mm) : 8.0				


### Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	95.3 $\Omega$ /km
Min. Insulation Resistance @ 20°C	1,000M $\Omega$ .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	184N
Min. Bend Radius (install)	80mm
Approximate Mass	7.5kg/100m

Sheath Printing

 GARLAND DATA CABLE MCP6S - AWM 2919 80°C  
6pr X 7/0.2 24AWG OAS - MM/YYYY - "Mmark"

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Supply Information				
Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 7"	2R	
500m	Wooden Reel	W49 x H21.8cm	1R	

Document Change Record	Issue	Date	Prepared by	Approved By
	01	04-12-2012	LLS	Pent
Change History	Issue	Change		

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