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cables

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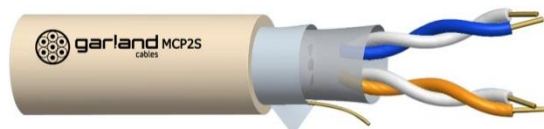
Industrial / Power / Data / Security / Fibre

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

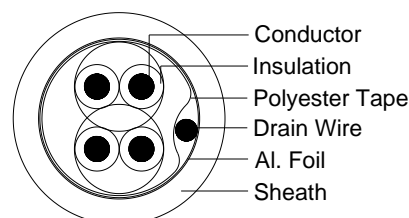
## Part No: MCP2S

Description	Stranded 24AWG (7/0.2mm) TACW, 2 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

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Insulation	Pairs : 2		Polypropylene		
	Material :		Blue/White-Blue Stripe, Orange/White-Orange Stripe		
	Colour :		Stripe		
	Nominal Thickness (mm) :		0.28		
	Nominal OD (mm) :		1.2		

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Screen	Material : Al. Polyester Tape		Coverage : 100%		
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 : Beige(Pantone 4745)		
	Nominal Thickness (mm) : 0.65		Nominal OD (mm) : 5.5		


### 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	61N
Min. Bend Radius (install)	55mm
Approximate Mass	2.7kg/100m

Sheath Printing

 GARLAND DATA CABLE MCP2S - AWM 2919 80°C  
2pr x 7/0.20 24AWG 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 3.5"	6R	
300m	Reel Box	15.5 x 15.5 x 7.75"	1Box	
500m	Wooden Reel	W36 x H21.8cm	1R	

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