



garland
cables

pro series

Industrial / Power / Data / Security / Fibre

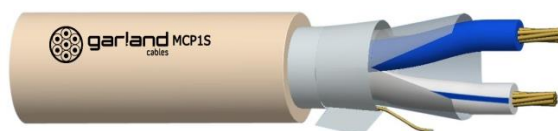
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

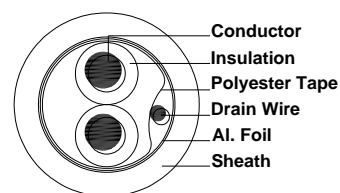
Part No: MCP1S

Description	Stranded 24AWG (7/0.2mm) TACW, Single Twisted Pair, 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 signal transmission and connection of checking appliances of distribution system, computer system

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Insulation	Pair : 1		Material : Polypropylene		
	Material :		Blue/White-Blue		
	Colour :		Nominal Thickness (mm) : 0.28		
	Nominal OD (mm) :		1.2		
Screen	Material : Al. Polyester Tape		Coverage : 100%		
Drain Wire	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW

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Sheath	Material : PVC Colour : Beige(Pantone 4745) Nominal Thickness (mm) : 0.80 Nominal OD (mm) : 4.4
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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	30N
Min. Bend Radius (install)	44mm
Approximate Mass	2.37kg/100m

Sheath Printing  GARLAND DATA CABLE MCP1S - AWM 2919 80°C
1pr x 7/0.2 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 2.5"	10R	
300m	Reel Box	15.5 x 15.5 x 7.75"	1Box	
500m	Wooden Reel	W28 x H21.8cm	1R	

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