

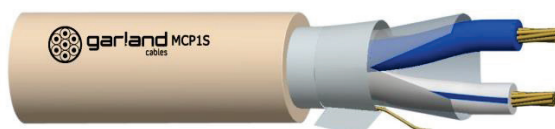
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

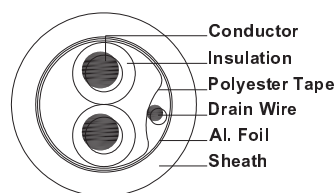
Part No: MCP1S

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 Colour : Blue/White-Blue 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	95.3 Ω /km
Min. Insulation Resistance @ 20°C	1,000M Ω .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	

Document Change Record	Issue	Date	Prepared by	Approved By
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Change History	Issue	Change		

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