



garland
cables

pro series

Industrial / Power / Data / Security / Fibre

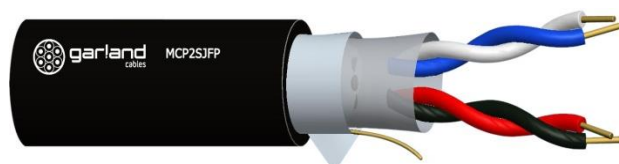
Garland's Pro Series range is the experts' choice for high quality cables.

Part No: MCP2SJFP

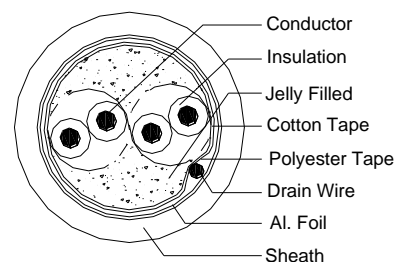
Description	Stranded 24AWG (7/0.2mm) TACW, 2 Twisted Pairs, PP Insulated, Jelly Filled, Cotton Tape, Aluminium Polyester Tape Overall Screen, TACW 24AWG (7/0.2mm) Drain Wire PE Sheath
Applicable Standards	AS/CA S-008, EIA-RS422, AS 1049
Suitable Applications	Used as a data and communications cable operating 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 status motion sensors, IR sensors, keypads and alarm modules.

Data Cable

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

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

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Insulation	Pairs :	2				
	Material :	Polypropylene				
	Colour :	Blue/White, Orange/White				
	Nominal Thickness (mm) :	0.28				
	Nominal OD (mm) :	1.2				
	Material :	Felly Filled				
	Material :	Cotton Tape				Coverage : 100%
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	
Sheath	Material :	PE				
	Colour :	Signal Black(RAL 9004)				
	Nominal Thickness (mm) :	0.65				
	Nominal OD (mm) :	5.5				

Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	95.5Ω/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	-30 to 70°C
Max. Recommended Pulling Tension	61N
Min. Bend Radius (install)	55mm
Approximate Mass	3.1kg/100m

Sheath Printing  GARLAND DATA CABLE MCP2SJFP - 2pr x 7/0.2
24AWG OAS JF PE - 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 4"	6R	
500m	Wooden Reel	W36 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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