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cables

pro series

Industrial / Power / Data / Security / Fibre

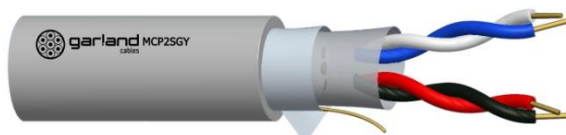
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

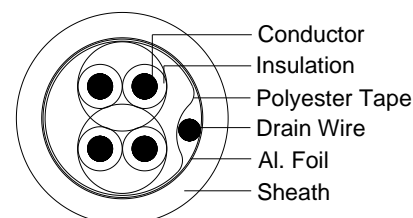
Part No: MCP2SGY

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 ²)	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Insulation	Pairs :		2		
	Material :		PP		
	Colour :		Blue/White-Blue Stripe, Orange/White-Orange 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 ²)	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Sheath	Material : PVC		Colour : Agate Grey(RAL 7046)		
	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	
500m	Wooden Reel	W36 x H21.8cm	1R	

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