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cables

pro series

Industrial / Power / Data / Security / Fibre

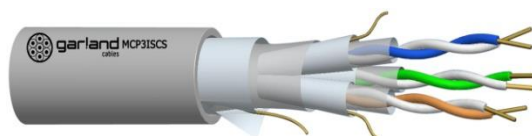
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

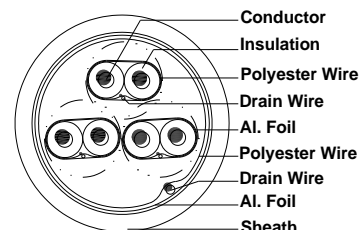
Part No: MCP31SCSGY

Description	Stranded 24AWG (7/0.2mm) TACW, 3 Pairs, PP Insulated, Aluminium Polyester Tape Pair & Overall Screen, TACW 24AWG (7/0.2mm) Drain Wire, PVC Sheath.
Applicable Standards	AS/CA S-008, UL758, 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	Pairs : 3		Material : Polypropylene		
	Material :		Colour : Blue/White, Orange/White, Green/White		
	Nominal Thickness (mm) :		Nominal OD (mm) : 1.2		
Pair Screen	Material : Al. Polyester Tape			Coverage : 100%	
Overall Screen	Material : Al. Polyester Tape			Coverage : 100%	

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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) : 6.6				


Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	95.3Ω/km
Nom. Mutual Capacitance @ 1KHz	66pF/m
Characteristic Impedance	120Ω
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	92N
Min. Bend Radius (install)	66mm
Approximate Mass	5.8kg/100m

Sheath Printing

 GARLAND DATA CABLE MCP3ISCS - AWM 2919
80°C 3pr IND/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 5"	4R	
500m	Wooden Reel	W39 x 21.8cm	1R	

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