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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.

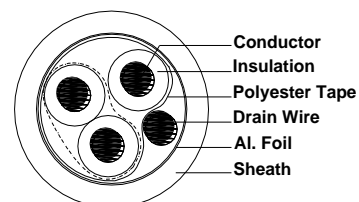
## Part No: MC1P1CSOGBL

Description	Stranded 24 AWG (7/0.2mm) TACW, Single twisted pair + 1Core, PE insulated, Polyester Tape, TACW 24AWG Drain Wire, Al. Foil Overall Screen, PVC Sheath.
Applicable Standards	AS/CA S-008, AS 1049
Suitable Applications	For inter-connecting wiring, suitable for use in Security/Intruded Alarm system; Use in low voltage/low current applications such as intercommunication.  Not suitable for mains connection.

### Cable Construction Drawing



### Cable Construction Relative Parts



### Cable Description

Conductor	AWG	Stranding	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.2	0.22	0.60	TACW
Insulation	Pair : Material : Colour :		1 + Core : 1 PE Black/White, White/ Black Stripe		
	Nominal Thickness (mm) : 0.3		Nominal OD (mm) : 1.2		
Screen	Material : Al. Polyester Tape		Coverage : 100%		
Drain Wire	AWG	Stranding	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.2	0.22	0.60	TACW

Special Customer Make

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99  
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Sheath	Material : PVC Colour : Orange/Blue Stripe (Pantone 021U) Nominal Thickness (mm) : 0.80 Nominal OD (mm) : 4.5
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### Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	95.3Ω/km
Nom. Capacitance Conductor to Conductor	15.5pF/ft @1KHz
Nom. Capacitance Conductor to Shield	35pF/ft @1KHz
Characteristic Impedance	100+/-15 Ω
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	46N
Min. Bend Radius (install)	45mm
Approximate Mass	2.71kg/100m

Sheath Printing

 GARLAND MC1P1CSOGBL500 - 7/0.2 1 PAIR + 1 Core - MM/YYYY - "Mmark"

### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
500m	Wooden Reel	W33 x 21.8cm	1R	

Document Change Record	Issue	Date	Prepared by	Approved By
	01	27-11-2012	LLS	Pent

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