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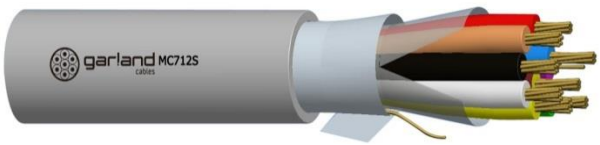
Data Cable

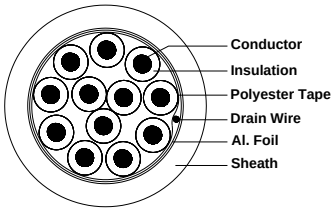
Part No: MC712S

Description	Stranded 24AWG (7/0.2) TACW, 12 Cores, PVC Insulation, Aluminium Polyester Tape Overall Screen, Stranded 24AWG TACW Drain Wire, PVC Sheath.
Applicable Standards	AS/CA S-008, UL758, EIA-RS232, AS 1049
Suitable Applications	For use in the communications, industrial and security sectors, This product can be used to interconnect DTE equipment such as Printers, fax's, modems, and consoles. In the industrial environment, this product can be used to connect instruments and sensors to data loggers, PLC's and other control equipment. In the security market, this product can be used to connect motion sensors, entry sensors, card readers and door strikes to monitoring units. Not suitable for direct connection to mains equipment.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Stranding	Area(mm^2)	Diameter(mm)	Material
	24	7/0.2	0.22	0.6	TACW
Insulation	Cores : 12 Material : PVC Colour : White, Red, Black, Yellow, Turquoise, Orange, Pink, Grey, Blue, Violet, Green, Light Brown Nominal Thickness (mm) : 0.28 Nominal OD (mm) : 1.2				

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Drain Wire	AWG	Stranding	Area(mm^2)	Diameter(mm)	Material
	24	7/0.2	0.22	0.6	TACW
Screen	Material : Al. Polyester Tape			Coverage : 100%	
Sheath	Material : PVC Colour : Grey(RAL 7046) Nominal Thickness (mm) : 0.8 Nominal OD (mm) : 6.9				

Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	95.3Ω/km
Min. Insulation Resistance @ 20°C	50MΩ.km
Voltage Test: Conductor to core	1.5 kV ac/1min
Voltage Test: Core to sheath	3.0 kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 70℃
Max. Recommended Pulling Tension	184N
Min. Bend Radius (install)	69mm
Approximate Mass	7.2kg/100m
Sheath Printing	GARLAND DATA CABLE MC712S - AWM 2464 80℃ 300V 12 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 5.5"	2R	
500m	Wooden Reel	W42 x 21.8cm	1R	

Document Change Record	Issue	Date	Prepared by	Approved By

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	01	27-11-2012	YDM	Pent
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