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cables

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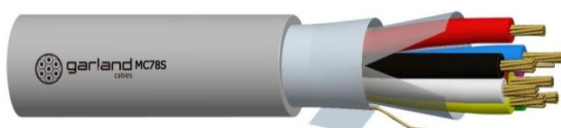
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

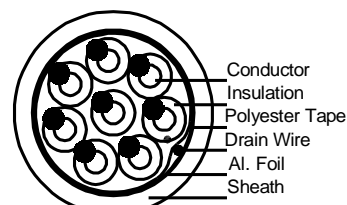
Part No: MC78S

Description	Stranded 24AWG (7/0.2mm) TACW, 8Cores, PVC Insulation, Aluminium Polyester Tape Overall Screen, 24AWG (7/0.2mm) TACW Drain Wire, PVC Sheath.
Applicable Standards	AS/CA S-008, EIA-RS232, AS 1049
Suitable Applications	<p>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.</p> <p>In the industrial environment, this product can be used to connect instruments and sensors to data loggers, PLC's and other control equipment.</p> <p>In the security market, this product can be used to connect motion sensors, entry sensors, card readers and door strikes to monitoring units.</p> <p>Not suitable for direct connection to mains equipment.</p>

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	24	7/0.2mm	0.22	0.6	TACW
Insulation	Cores : 8		Material : PVC		
	Colour :		Yellow, Red, Black, White, Brown, Green, Violet, Blue		
	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	7/0.2mm	0.22	0.6	TACW
Sheath	Material : PVC Colour : Grey(RAL 7046) Nominal Thickness (mm) : 0.7 Nominal OD (mm) : 5.9				


Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	93.3Ω/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
Voltage Test: Shield to sheath	3.0 kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	123N
Min. Bend Radius (install)	59mm
Approximate Mass	5.2kg/100m

Sheath Printing

 GARLAND DATA CABLE MC78S - AWM 2464 80°C
300V 8 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 4.5"	4R	
300m	Reel Box	15.5 x 15.5 x 7.75"	1Box	
500M	Wooden Reel	W36 x H21.8	1R	

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Document Change Record	Issue	Date	Prepared by	Approved By
	01	29-11-2012	LLS	Pent
Change History	Issue	Change		

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