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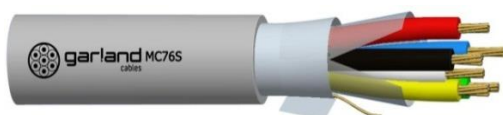
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

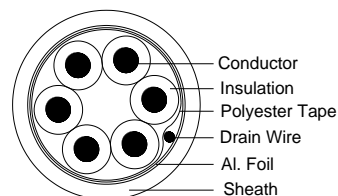
## Part No: MC76S

Description	Stranded 24AWG (7/0.2mm) TACW, 6Cores, PVC Insulation, Aluminium Polyester Tape Overall Screen, 24AWG (7/0.2mm) TACW Drain Wire, PVC Sheath.
Applicable Standards	AS/CA S-008, UL758, 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 <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.2mm	0.22	0.6	TACW
Insulation	Cores : 6		Material : PVC		
	Colour : White, Blue, Red, Black, Yellow, Green		Nominal Thickness (mm) : 0.28		
	Nominal OD (mm) : 1.2				

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Drain Wire	AWG	Stranding	Area(mm <sup>2</sup> )	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) :		0.7		
	Nominal OD (mm) :		5.5		

### 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°C
Max. Recommended Pulling Tension	92N
Min. Bend Radius (install)	55mm
Approximate Mass	4.3kg/100m

Sheath Printing  GARLAND DATA CABLE MC76S - AWM 2464 80°C  
300V 6 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 3.5"	4R	
300m	Reel Box	15.5 x 15.5 x 7.75"	1Box	
500m	Wooden Reel	W36 x 21.8cm	1R	36

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