

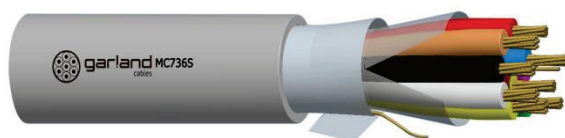
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

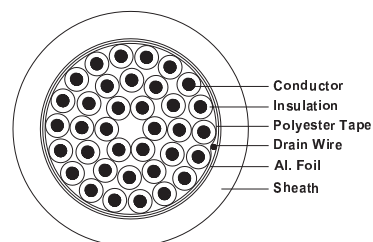
Part No: MC736S

Description	Stranded 24AWG (7/0.2mm) TACW, 36 Cores, PVC Insulation, Aluminium Polyester Tape Overall Screen, Stranded 24AWG (7/0.2mm) 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 : 36 Material : PVC Nominal Thickness (mm) : 0.28 Nominal OD (mm) : 1.2				

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Drain Wire	AWG	Stranding	Area(mm²)	Diameter(mm)	Material
	24	7/0.2	0.22	0.6	TACW
Screen	Material : Al. Polyester Tape				

Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	95.3 Ω /km
Min. Insulation Resistance @ 20°C	50M Ω .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	554N
Min. Bend Radius (install)	105mm
Approximate Mass	17.2kg/100m

Sheath Printing

 GARLAND DATA CABLE MC736S - AWM 2464 80°C
300V 36 X 7/0.2 24AWG OAS - MM/YYYY - "Mmark"

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
500m	Wooden Reel	W56 x 39.4cm	1R	

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

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