garland
cables

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

Security Cable

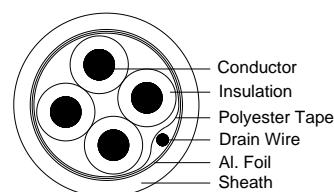## Part No: **MC74S**

Description	Stranded 24AWG (7/0.2mm) TACW, 4Cores, 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	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**
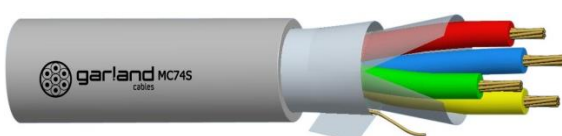
garland MC74S cables

Conductor
Insulation
Polyester Tape
Drain Wire
Al. Foil
Sheath

RoHS

PVC MADE USING BEST ENVIRONMENTAL PRACTICE ™

Cable Description

Conductor	AWG	Standing	Area(mm^2)	Diameter(mm)	Material
	24	7/0.2mm	0.22	0.6	TACW

Insulation	Cores : 4 Material : PVC Colour : Red, Blue, Yellow, Green Nominal Thickness (mm) : 0.28 Nominal OD (mm) : 1.2
Screen	Material : Al. Polyester Tape　　　　Coverage : 100%

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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) : 4.8

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

Mechanical Properties

Operating Temperature Range	-15 to 70℃
Max. Recommended Pulling Tension	56N
Min. Bend Radius (install)	48mm
Approximate Mass	3.3kg/100m
Sheath Printing	GARLAND DATA CABLE MC74S - AWM 2464 80℃ 300V 4 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"	4R	
300m	Reel Box	14.5 x 14.5 x 7.5"	1Box	
500M	Wooden Reel	W30 x H21.8	1R	

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	01	29-11-2012	LLS	Pent
Change History	Issue	Change		

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