



garland  
cables

pro series

Industrial / Power / Data / Security / Fibre

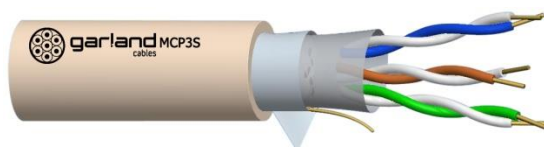
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

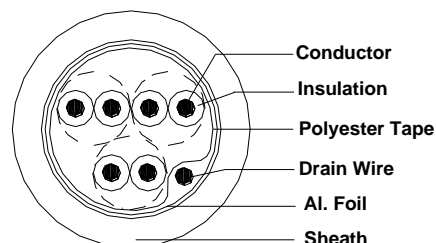
## Part No: MCP3S

Description	Stranded 24AWG (7/0.2mm) TACW, 3 Twisted Pairs, PP Insulated, Aluminium Polyester Tape Overall Screen, TACW 24AWG (7/0.2mm) Drain Wire, PVC Sheath.
Applicable Standards	AS/CA S-008, UL758, EIA-RS422, AS 1049
Suitable Applications	Used as a data and communications cable operating on RS-422 or similar transmission systems. Can be used to inter-connect DTE equipment such as modems, printers, and fax's operating up to 10 MB. Commonly used with a 9 Pin DE-9 connector. Can also be used in digital security systems to connect door strikes, motion sensors, IR sensors, keypads and alarm modules.

Cable Construction Drawing



Cable Construction Relative Parts



### Cable Description

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Insulation	Pairs : 3		Material : Polypropylene		
	Material :		Blue/White-Blue Stripe, Orange/White-Orange Stripe, Green/White-Green Stripe		
	Colour :		Nominal Thickness (mm) : 0.28		
	Nominal Thickness (mm) :		Nominal OD (mm) : 1.2		
	Nominal OD (mm) :				

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99  
www.madisontech.com.au/garland

made by





garland  
cables

pro series

Industrial / Power / Data / Security / Fibre

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

Screen	Material : Al. Polyester Tape		Coverage : 100%		
Drain Wire	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Sheath	Material : PVC		Colour : Beige(Pantone 4745)		
	Nominal Thickness (mm) : 0.65		Nominal OD (mm) : 6.0		


### Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	95.3Ω/km
Min. Insulation Resistance @ 20°C	1,000MΩ.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	92N
Min. Bend Radius (install)	60mm
Approximate Mass	4.4kg/100m

Sheath Printing

 GARLAND DATA CABLE MCP3S - AWM 2919 80°C  
3pr 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	
500m	Wooden Reel	W36 x H21.8cm	1R	

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99  
[www.madisontech.com.au/garland](http://www.madisontech.com.au/garland)

made by



madison



garland  
cables

pro series

Industrial / Power / Data / Security / Fibre

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

Document Change Record	Issue	Date	Prepared by	Approved By
	01	04-12-2012	LLS	Pent
Change History	Issue	Change		

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99  
[www.madisontech.com.au/garland](http://www.madisontech.com.au/garland)

made by



madison