



garland
cables

pro series

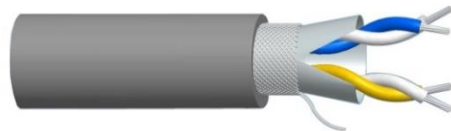
Industrial / Power / Data / Security / Fibre

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

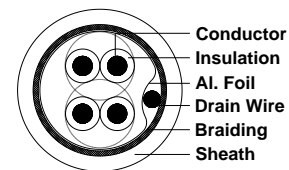
Part No: MJ9002HF

Description	RS485 : 24AWG Stranded TACW, 2 Twisted Pairs, Foam PE Insulation, Al. Foil Overall Screen, 24AWG TACW Drain Wire, 90% TACW Braiding, LSZH Sheath.
Applicable Standards	AS/NZS 1125, AS 1049
Suitable Applications	Data transmission, Fixed or portable installations, EIA RS-485. *Not intended for direct connection to mains power.

Cable Construction Drawing



Cable Construction Relative Parts



Data & Control Cable

Cable Description					
Conductor	AWG	Area(mm ²)	Stranding	Diameter(mm)	Material
	24	0.22	7/0.203	0.61	TACW
Insulation	Pairs :	2			
	Material :	Foam PE			
	Colour :	White/Blue, White/Orange			
	Nominal Thickness (mm) :	0.58			
	Nominal OD (mm) :	1.77			
Screen	Material : Al. Foil		Coverage: 100%		
Drain Wire	AWG	Area(mm ²)	Stranding	Diameter(mm)	Material
	24	0.22	7/0.203	0.61	TACW

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99
www.garlandcables.com.au

MJ9002HF-220908





garland
cables

pro series

Industrial / Power / Data / Security / Fibre

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

Braiding	Material : TACW Coverage : 90%	
Sheath	Material :	LSZH
	Colour :	Grey
	Nominal Thickness (mm) :	1.2
	Nominal OD (mm) :	8.5

Electrical Properties

Rated Voltage	300V
Max. Conductor DC Resistance @ 20°C	89.0Ω/km
Characteristic Impedance	120±15Ω
Nom. Capac. Conductor to Cond.	50pF/m
Voltage Test: Core to Core	1.5kV dc/1min
Voltage Test: Core to Shield	1.5kV dc/1min

Mechanical Properties

Operating Temperature Range	-25 to 90°C
Max. Recommended Pulling Tension	206N
Min. Bend Radius (install)	85mm
Approximate Mass	8.6kg/100m
Sheath Printing	TBA

Fire Properties

Fire Test	AS/NZS IEC 60332.1
Degree of acid gas evolved during combustion	AS/NZS IEC 60754.2
Smoke Density during combustion	AS/NZS IEC 61034.1 and AS/NZS IEC 61034.2
Classification according to AS/NZS 4507	RHe-1

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99
www.garlandcables.com.au

MJ9002HF-220908





garland
cables

pro series

Industrial / Power / Data / Security / Fibre

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

Supply Information

Part Number	Pack Size	Pack Type	Dimensions	Cartons Per Pallet
MJ9002HFGY305	305m	Wooden Reel	W44 x H21.8cm	TBA
MJ9002HFGY500	500m	Wooden Reel	W52 x H27.4cm	TBA

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99
www.garlandcables.com.au

MJ9002HF-220908

