



garland
cables

pro series

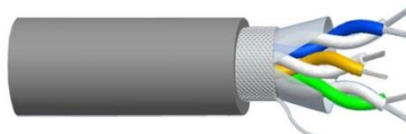
Industrial / Power / Data / Security / Fibre

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

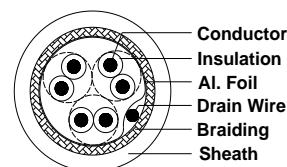
Part No: MJ9003

Description	24AWG Stranded TACW, 3 Twisted Pairs, PE Insulation, Al. Foil Overall Screen, 24AWG TACW Drain Wire, 90% TACW Braiding, PVC Sheath.
Applicable Standards	AS/NZS 1125, AS 1049
Suitable Applications	Suitable for data transmission and control applications using EIA RS-485. May be used for RS-485 based DMX lighting control. *Not intended for direct connection to mains power.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Area(mm²)	Stranding	Diameter(mm)	Material
	24	0.23	7/0.203	0.61	TACW
Insulation	Pairs :		3		
	Material :		PE		
	Colour :		White/Blue&Blue/White, White/Orange&Orange/White, White/Green&Green/White		
	Nominal Thickness (mm) :		0.3		
	Nominal OD (mm) :		1.3		
Screen	Material : Al. Foil		Coverage: 100%		

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MJ9003-200109

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Drain Wire	AWG	Area(mm ²)	Stranding	Diameter(mm)	Material
	24	0.23	7/0.203	0.61	TACW
Braiding	Material : TACW Coverage : 90%				
Sheath	Material :		PVC		
	Colour :		Grey		
	Nominal Thickness (mm) :		1.0		
	Nominal OD (mm) :		7.4		

Electrical Properties

Rated Voltage	300V
Max. Conductor DC Resistance @ 20°C	89.0 Ω /km
Min. Insulation Resistance @ 20°C	1000M Ω .km
Characteristic Impedance	120 \pm 15 Ω
Nom. Capac. Conductor to Cond.	50pF/m
Voltage Test: Core to Core	2.0kV ac/1min
Voltage Test: Core to Shield	2.0kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 80°C
Max. Recommended Pulling Tension	95N
Min. Bend Radius (install)	74mm
Approximate Mass	7.9kg/100m

Supply Information

P/N	Pack Size	Pack Type	Dimensions	Qty Per Carton
MJ9003GY305	305m	Wooden Reel	W40 x H21.8cm	1R

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

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