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cables

pro series

Industrial / Power / Data / Security / Fibre

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

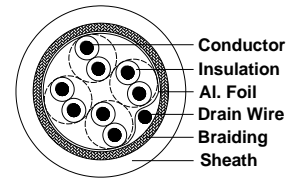
Part No: MJ9004

Description	24AWG Stranded TACW, 4 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



Data & Control Cable

Cable Description					
Conductor	AWG	Area(mm ²)	Stranding	Diameter(mm)	Material
	24	0.23	7/0.203	0.61	TACW
Insulation	Pairs :	4			
	Material :	PE			
	Colour :	White/Blue&Blue/White, White/Orange&Orange/White, White/Green&Green/White, White/Brown&Brown/White			
	Nominal Thickness (mm) :	0.3			
	Nominal OD (mm) :	1.3			
Screen	Material : Al. Foil		Coverage: 100%		

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Sales Enquiries 1800 66 99 99
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MJ9004-200109

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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) :		7.9		

Electrical Properties

Rated Voltage	300V
Max. Conductor DC Resistance @ 20°C	89.0Ω/km
Min. Insulation Resistance @ 20°C	1000MΩ.km
Characteristic Impedance	120±15Ω
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	127N
Min. Bend Radius (install)	79mm
Approximate Mass	8.9kg/100m

Supply Information

P/N	Pack Size	Pack Type	Dimensions	Qty Per Carton
MJ9004GY305	305m	Wooden Reel	W44 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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