



Industrial / Power / Data / Security / Fibre

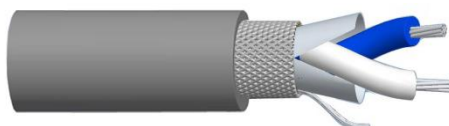


Garland's Pro Series range is the experts' choice for high quality cables.

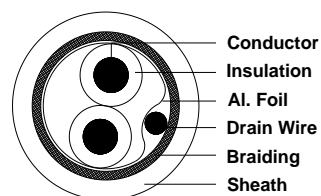
## Part No: MJ9001

Description	RS485 : 24AWG Stranded TACW, Twisted Pairs, Foam PE Insulation, Al. Foil Overall Screen, 24AWG TACW Drain Wire, 90% TACW Braiding, PVC Sheath.
Applicable Standards	Reference to Belden 9841, 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	0.22	7/0.203	0.61	TACW
Insulation	Pairs :		1		
	Material :		Foam PE		
	Colour :		White/Blue		
	Nominal Thickness (mm) :		0.58		
	Nominal OD (mm) :		1.77		
Screen	Material : Al. Foil		Coverage: 100%		

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MJ9001-200109





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Drain Wire	AWG	Area(mm <sup>2</sup> )	Stranding	Diameter(mm)	Material
	24	0.22	7/0.203	0.61	TACW
Braiding	Material : TACW Coverage : 90%				
Sheath	Material :		PVC		
	Colour :		Grey		
	Nominal Thickness (mm) :		0.9		
	Nominal OD (mm) :		5.9		

### Electrical Properties

Rated Voltage	300V
Max. Conductor DC Resistance @ 20°C	89.0 $\Omega$ /km
Characteristic Impedance	120 $\pm$ 15 $\Omega$
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	-15 to 80°C
Max. Recommended Pulling Tension	32N
Min. Bend Radius (install)	59mm
Approximate Mass	5.0kg/100m
Sheath Printing	TBA

### Supply Information

Part Number	Pack Size	Pack Type	Dimensions	Cartons Per Pallet
MJ900GY305	305m	Wooden Reel	W33 x H21.8cm	TBA

- 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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