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pro series

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

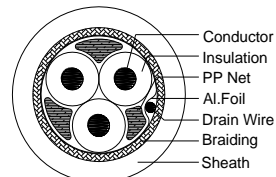
## Part No: MJ3001

Description	22AWG Stranded TACW, 1 pair + 1 conductor, Foam PE Insulation, PP Net, Al. Foil Overall Screen, 22AWG TACW Drain Wire, 65% 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
	22	0.34	7/0.25	0.75	TACW
Insulation	Cores :		3		
	Material :		Foam PE		
	Colour :		White, Orange, Blue		
	Nominal Thickness (mm) :		0.6		
	Nominal OD (mm) :		2.1		
Filler	Material : PP Net				
Screen	Material : Al. Foil		Coverage: 100%		

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MJ3001-200109

made by



Data & Control Cable



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Drain Wire	AWG	Area(mm <sup>2</sup> )	Stranding	Diameter(mm)	Material
	22	0.34	7/0.25	0.75	TACW
Braiding	Material : TACW Coverage : 65%				
Sheath	Material :		PVC		
	Colour :		Black		
	Nominal Thickness (mm) :		1.0		
	Nominal OD (mm) :		7.6		

#### Electrical Properties

Rated Voltage	300V
Max. Conductor DC Resistance @ 20°C	55.0 $\Omega$ /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	2.0kV dc/1min

#### Mechanical Properties

Operating Temperature Range	-15 to 80°C
Max. Recommended Pulling Tension	72N
Min. Bend Radius (install)	76mm
Approximate Mass	7.2kg/100m

#### Supply Information

P/N	Pack Size	Pack Type	Dimensions	Qty Per Carton
MJ3001BK305	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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