



garland  
cables

pro series

Industrial / Power / Data / Security / Fibre

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

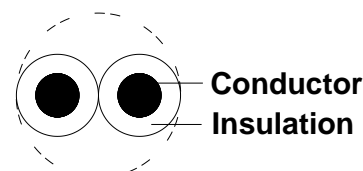
## Part No: JO-D06-T-VTBN

Description	Solid 24AWG PACW, Single Twisted Pairs, PE Insulation.
Applicable Standards	N/A
Suitable Applications	For communication and network systems. Designed for jumpering of analog and digital signals up to 128 Kbits. Not intended for direct connection to mains power.

### Cable Construction Drawing



### Cable Construction Relative Parts



### Cable Description

Conductor	AWG	Area(mm <sup>2</sup> )	Stranding	Diameter(mm)	Material
	24	0.2	1/0.5	0.5	PACW
Insulation	Pairs :		1		
	Material :		PE		
	Colour :		Violet / Brown		
	Nominal Thickness (mm) :		0.25		
	Nominal OD (mm) :		1.1		

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### Electrical Properties

Max. Conductor DC Resistance @ 20°C	93.25Ω/km
Nom. Mutual Capacitance @ 1KHz	45pF/m
Nominal Characteristic Impedance <sup>1</sup>	120 Ohms @ 100 KHz
Voltage Test: Core to Core	1.5kV ac/1min

### Mechanical Properties

Operating Temperature Range	-30 to 70°C
Max. Recommended Pulling Tension	28N
Min. Bend Radius (install)	11mm
Approximate Mass	0.51kg/100m

### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
250m	Plastic Spool	F7" x W3.5" x B4.5"	1R	

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

<sup>1</sup> Impedence may vary due to untwisting of the pair during use.

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