



garland
cables

pro series

Industrial / Power / Data / Security / Fibre

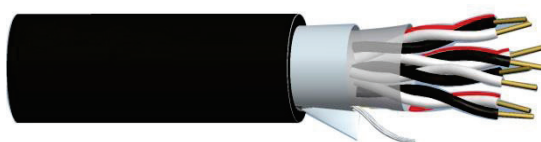
Garland's Pro Series range is the experts' choice for high quality cables.

Instrumentation Cable

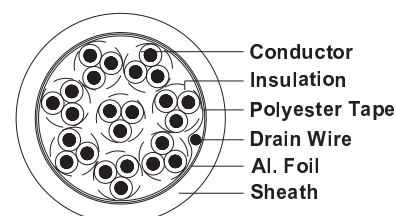
Part No: MCT7038S

Description	Stranded 20 AWG PACW, 8 Triad, V-90 PVC Insulated, Al. Polyester Tape Overall Screen, TACW 22AWG Drain Wire, 5V-90 PVC Sheath.
Applicable Standards	AS/NZS 1125, AS/NZS 3808
Suitable Applications	Instrument and control cable for use in industrial applications including the interconnection of signals between cabinets, consoles, sensors and display panels. Can also be used for carrying low bit rate data signals. Not intended for direct connection to mains power.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Area(mm ²)	Stranding	Diameter(mm)	Material
	20	0.5	7/0.3	0.9	PACW
Insulation	Triad :	8			
	Material :	V-90 PVC			
	Colour :	Black, white & red wires form a triad. An ident. number is printed on each triad.			
	Nominal Thickness (mm) :	0.35			
	Nominal OD (mm) :	1.65			

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Drain Wire	AWG	Area(mm ²)	Stranding	Diameter(mm)	Material
	22	0.343	7/0.25	0.75	TACW
Overall Screen	Material : Al. Polyester Tape Coverage : 100%				
Sheath	Material :		5V-90 PVC		
	Colour :		Black		
	Nominal Thickness (mm) :		0.9		
	Nominal OD (mm) :		13.0		

Electrical Properties

Max. Conductor DC Resistance @ 20°C	38.4Ω/km
Suggest Voltage Rating	110a.c/150d.c

Mechanical Properties

Operating Temperature Range	-15 to 90°C
Max. Recommended Pulling Tension	840N
Min. Bend Radius (install)	130mm
Approximate Mass	24.1kg/100m

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
500m	Wooden Reel	W65 x H51cm	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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