



garland
cables

pro series

Industrial / Power / Data / Security / Fibre

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

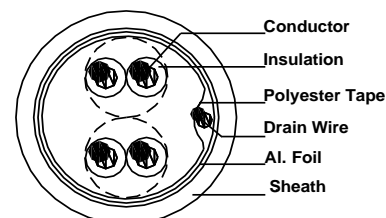
Part No: MCP7052SBL

Description	Stranded 16 AWG (7/0.5mm) PACW, 2 Twisted Pairs, V-90HT PVC Insulated, Aluminium Polyester Tape Overall Screen, TACW 22AWG (7/0.25mm) Drain Wire, V-90HT PVC Sheath.
Applicable Standards	AS/NZS 1125, AS/NZS 3808, IEC60332-1
Suitable Applications	Applied to connect electrical instrumentation and circuits in industrial processes controls, electrical networks, railway and subway signal systems, etc. Not intended for direct connection to mains power

Cable Construction Drawing



Cable Construction Relative Parts



Instrumentation Cable

Cable Description					
Conductor	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	16	7/0.5	1.5	1.5	PACW
Insulation	Pairs :		2		
	Material :		V-90HT PVC		
Colour :		Pair Number printed on Black & White insulation for identification			
Nominal Thickness (mm) :		0.32			
Nominal OD (mm) :		2.2			
Drain Wire	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	22	7/0.25	0.343	0.75	TACW

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Screen	Material: Al. Polyester Tape	Coverage: 100%
Sheath	Material : PVC Colour : Blue Nominal Thickness (mm) : 0.8 Nominal OD (mm) : 8.8	

Electrical Properties

Max. Conductor DC Resistance @ 20°C	13.6Ω/km
Nom. Mutual Capacitance @ 1KHz	110pF/m
Characteristic Impedance	280Ω
Voltage Test: Core to Core	2kV ac/1min
Voltage Test: Core to Screen	2kV ac/1min
Suggest Voltage Rating	110a.c/150d.c

Mechanical Properties

Operating Temperature Range	-15 to 90°C
Max. Recommended Pulling Tension	420N
Min. Bend Radius (install)	88mm
Approximate Mass	12.1kg/100m

Sheath Printing

GARLAND INSTRUMENTATION CABLE MCP7052S -
2 PR X 1.5mm² OAS - (meter marking)

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
500m	Wooden Reel	W52 x H25.4cm	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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