



garland  
cables

pro series

Industrial / Power / Data / Security / Fibre

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

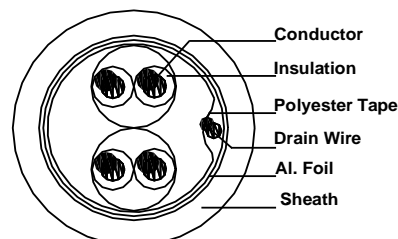
## Part No: MCP7052S

|  |  |
|--|--|
| Description  | Stranded 16 AWG PACW, 2 Twisted Pairs, V-90HT PVC Insulated, Aluminium Polyester Tape Overall Screen, TACW 22AWG Drain Wire, 5V-90 PVC Sheath.   |
| Applicable Standards                                 | AS/NZS 1125 , AS/NZS 3808 , IEC60332-1   |
| Suitable Applications                                | Instrument and control cable for use in industrial applications including the interconnection of signals between cabinets, consoles, sensors and display panels.<br>Can also be used for carrying low bit rate data signals. |
| Not suitable for direct connection to mains voltages |  |

### Cable Construction Drawing



### Cable Construction Relative Parts



### Cable Description

| Conductor  | AWG   | Standing | Area(mm <sup>2</sup> ) | Diameter(mm) | Material |
|------------|---|----------|------------------------|--------------|----------|
|            | 16  | 7/0.50   | 1.5                    | 1.5          | PACW     |
| Insulation | Pairs : 2<br>Material : V-90HT PVC<br>Colour : Black and White wires form a Pair.<br>Pair nos. printed on each pair for identification<br>Nominal Thickness (mm) : 0.3<br>Nominal OD (mm) : 2.2 |          |                        |              |          |
| Screen     | Material: Al. Polyester Tape  |          | Coverage: 100%         |              |          |
| Drain Wire | AWG   | Standing | Area(mm <sup>2</sup> ) | Diameter(mm) | Material |
|            | 22  | 7/0.25   | 0.34                   | 0.75         | TACW     |

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99  
www.madisontech.com.au/garland

MCP7052S-150226.docx

made by



Instrumentation Cable



garland  
cables

pro series

Industrial / Power / Data / Security / Fibre

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

|        |                          |           |
|--------|--------------------------|-----------|
| Sheath | Material :               | 5V-90 PVC |
|        | Colour :                 | Black     |
|        | Nominal Thickness (mm) : | 0.8       |
|        | Nominal OD (mm) :        | 8.8       |

### Electrical Properties

|                                      |               |
|--------------------------------------|---------------|
| Max. Conductor DC Resistance @ 20°C  | 13.6Ω/km      |
| Min. Impedance @ 1KHz                | 280ohm        |
| Max. Capacitance Core to Core @ 1KHz | 270pF/m       |
| Max. Inductance @ 1KHz               | 1.0μH/m       |
| Max. Current Rating                  | 13A           |
| Suggest Voltage Rating               | 110a.c/150d.c |

### Mechanical Properties

|                                  |  |
|----------------------------------|--|
| Operating Temperature Range      | -15 to 90°C  |
| Max. Recommended Pulling Tension | 384N   |
| Min. Bend Radius (install)       | 88mm   |
| Approximate Mass                 | 12.1kg/100m  |
| Sheath Printing                  | GARLAND 2PAIR 1.5mm <sup>2</sup> INSTRUMENTATION CABLE<br>MCP7052S - MM/YYYY - "Mmark" |

### Supply Information

| Pack Size | Pack Type   | Dimensions    | Qty Per Carton | Cartons Per Pallet |
|-----------|-------------|---------------|----------------|--------------------|
| 100m      | Wooden Reel | W26 x H21.8cm | 2R             |                    |
| 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

With Garland, you are always well connected.

Sales Enquiries 1800 66 99 99  
www.madisontech.com.au/garland

MCP7052S-150226.docx

made by

