

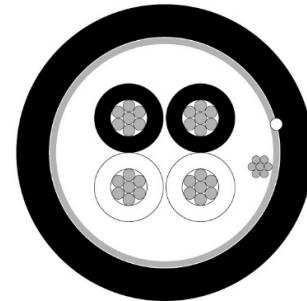
## INSTRUMENTATION CABLES – MAS SERIES

### OVERALL SCREEN

### MAS5002CS – 2 PAIR 0.5MM TCW CS

APPLICATION: Instrumentation Cable suitable for Industrial Applications.

|  |   |
|--|---|
| Standards                                  | AS/NZS1125 , AS/NZS3808 ,<br>IEC 60332-1-2 , IEC 60332-3-22 ,<br>IEC 60079.14 , <b>RoHS</b> Compliant           |
| Conductor                                  | Stranded Tinned Copper Conductor<br>0.5mm (7/0.30mm)  |
| Insulation                                 | PVC ,V90HT ,<br>White/Black Numbered Pair's   |
| Screen                                     | Overall Shield of Ali/Polyester Foil c/w<br>Tinned Copper Drain Wire (7/0.20mm)                                 |
| Armour                                     | Not Applicable  |
| Sheath                                     | PVC , 5V-90 , Flame Retardant ,<br>UV Resistant Black PVC<br><i>(Also available in Intrinsically Safe Blue)</i> |
| Operating Temp.                            | -20°C to +90°C  |
| Max. Rated Voltage                         | 110VRMS/150VDC  |
| Insulation Voltage Rating                  | 300V  |
| Max. Current Rating                        | 3.2 Amp   |
| Max. DC Resistance @ 20°C                  | 38.4 Ω/km   |
| Max. Capacitance Cond. To Cond. (Screened) | 145 pF/m  |
| Max. Capacitance Cond. To Scr. (Screened)  | 240 pF/m  |
| Inductance @ 1kHz                          | 1.00 mH/km  |
| L/R Ratio @ 1kHz                           | 13.7 μH/Ω   |
| Insulation Resistance                      | 140 MΩ/km   |
| Bending Radius (Fixed)                     | 10D (D = Cable Diameter)  |



| Product             | Pairs           | Conductor       | Insulation Thickness | Outer Sheath Thickness | Approx Cable O.D | Approx. Cable Weight |
|---------------------|-----------------|-----------------|----------------------|------------------------|------------------|----------------------|
| Maser Ordering Code | Number of Pairs | mm <sup>2</sup> | mm                   | mm                     | mm               | Kg/km                |
| MAS5002CS           | 2 Pair          | 0.5mm           | 0.4                  | 0.8                    | 7.3              | 58                   |
| MAS5002CS BLUE      | 2 Pair          | 0.5mm           | 0.4                  | 0.8                    | 7.3              | 58                   |

#### Jacket Marking

MASER MAS5002CS INSTRUMENTATION CABLE 2PR 0.5mm<sup>2</sup> TCW/PVC/CS/PVC V90 UV RoHS (MANUFACTURE DATE) (METRE MARK)

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