

## INSTRUMENTATION CABLES – MAS SERIES

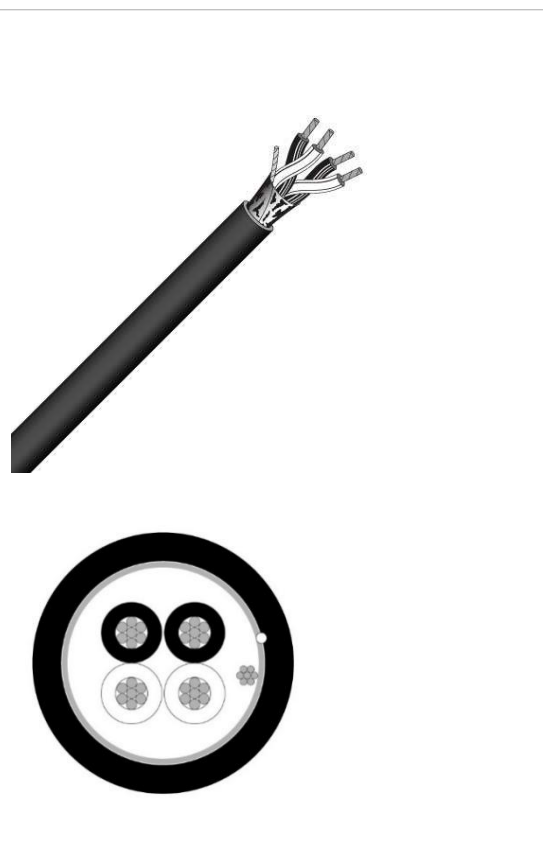
### OVERALL SCREEN

### MAS5402CSLS – 2 Pair 0.75mm<sup>2</sup> TCW CS LSZH



**APPLICATION:** Low Smoke Zero Halogen Instrumentation Cable suitable for Industrial/Greenstar Applications.

|   |   |
|---|---|
| <b>Standards</b>                                  | AS/NZS1125 , AS/NZS3808 ,<br>IEC 60332-1-2 , IEC 60332-3-22 ,<br>IEC 60079.14 , <b>RoHS</b> Compliant |
| <b>Conductor</b>                                  | Stranded Tinned Copper Conductor<br>0.75mm (7/0.37mm)   |
| <b>Insulation</b>                                 | 0.4mm Low Smoke Zero Halogen<br>White/Black Numbered Pair's   |
| <b>Screen</b>                                     | Overall Shield of Ali/Polyester Foil c/w<br>Tinned Copper Drain Wire (7/0.20mm)                       |
| <b>Armour</b>                                     | Not Applicable  |
| <b>Sheath</b>                                     | Low Smoke Zero Halogen - Black  |
| <b>Operating Temp.</b>                            | -20°C to +90°C  |
| <b>Max. Rated Voltage</b>                         | 110VRMS/150VDC  |
| <b>Insulation Voltage Rating</b>                  | 300V  |
| <b>Max. Current Rating</b>                        | 7.5 Amp   |
| <b>Max. DC Resistance @ 20°C</b>                  | 24.5 Ω/km   |
| <b>Max. Capacitance Cond. To Cond. (Screened)</b> | 120pf/m   |
| <b>Max. Capacitance Cond. To Scr. (Screened)</b>  | 220pf/m   |
| <b>Inductance @ 1kHz</b>                          | 0.98 mH/km  |
| <b>L/R Ratio @ 1kHz</b>                           | 20.0 μH/Ω   |
| <b>Insulation Resistance</b>                      | 140 MΩ/km   |
| <b>Bending Radius (Fixed)</b>                     | 10D (D = Cable Diameter)  |



| Product                    | Pairs                  | Conductor             | Insulation Thickness | Outer Sheath Thickness | Approx Cable O.D | Approx. Cable Weight |
|----------------------------|------------------------|-----------------------|----------------------|------------------------|------------------|----------------------|
| <b>Maser Ordering Code</b> | <b>Number of Pairs</b> | <b>mm<sup>2</sup></b> | <b>mm</b>            | <b>mm</b>              | <b>mm</b>        | <b>Kg/km</b>         |
| MAS5402CSLS                | 2 Pair                 | 0.75mm                | 0.40                 | 0.80                   | 8.4              | 76                   |

#### Jacket Marking

MASER MAS5402CSLS INSTRUMENTATION CABLE 2PR 0.75mm<sup>2</sup> TCW/LSZH/CS/LSZH V90 UV RoHS (MANUFACTURE DATE) (METRE MARK)

**Recommended Gland = MM-A1A2-20S**

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