

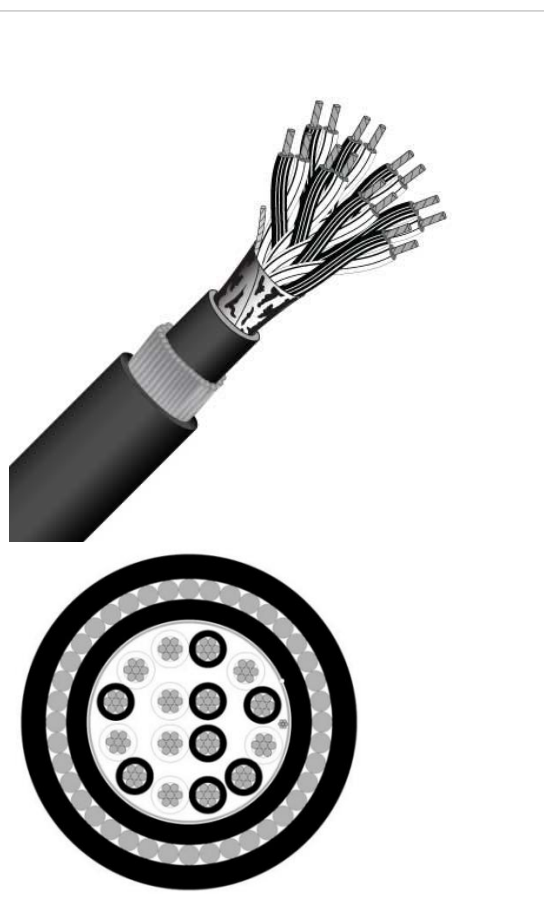
## INSTRUMENTATION CABLES – MAS SERIES

### OVERALL SCREEN - STEEL WIRE ARMoured

### MAS5508CSSWA – 8 Pair 1.5mm<sup>2</sup> TCW CS SWA

**APPLICATION:** Instrumentation Cable suitable for areas requiring mechanical protection.  
Suitable for Direct Burial.

|   |   |
|---|---|
| <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>1.5mm (7/0.50mm)  |
| <b>Insulation</b>                                 | 0.4mm PVC ,V90HT ,<br>White/Black Numbered Pair's   |
| <b>Screen</b>                                     | Overall Shield of Al/Polyester Foil c/w<br>Tinned Copper Drain Wire (7/0.20mm)                        |
| <b>Armour</b>                                     | Galvanized Steel Wire   |
| <b>Sheath</b>                                     | SPVC , 5V-90 , Flame Retardant ,<br>UV Resistant Black PVC  |
| <b>Operating Temp.</b>                            | -20°C to +90°C  |
| <b>Rated Voltage</b>                              | 110VRMS/150VDC  |
| <b>Insulation Voltage Rating</b>                  | 300V  |
| <b>Max. Current Rating</b>                        | 13 Amp  |
| <b>Max. DC Resistance @ 20°C</b>                  | 13.6 Ω/km   |
| <b>Max. Capacitance Cond. To Cond. (Screened)</b> | 200 pF/m  |
| <b>Max. Capacitance Cond. To Scr. (Screened)</b>  | 300 pF/m  |
| <b>Inductance @ 1kHz</b>                          | 0.95 mH/km  |
| <b>L/R Ratio @ 1kHz</b>                           | 36.5 μH/Ω   |
| <b>Insulation Resistance</b>                      | 140 MΩ/km   |
| <b>Bending Radius (Fixed)</b>                     | 10D (D = Cable Diameter)  |



| Product             | Pairs           | Conductor       | O.D over Bedding | GSWA Size | O.D over GSWA | Outer Sheath Thickness | Nominal Cable O.D | Cable Weight |
|---------------------|-----------------|-----------------|------------------|-----------|---------------|------------------------|-------------------|--------------|
| Maser Ordering Code | Number of Pairs | mm <sup>2</sup> | mm               | mm        | mm            | mm                     | mm                | Kg/km        |
| MAS5508CSSWA        | 8 Pair          | 1.5mm           | 14.5             | 1.25      | 17.0          | 1.6                    | 20.2              | 881          |

**Jacket Marking** - MASER MAS5508CSSWA INSTRUMENTATION CABLE 8PR 1.5mm<sup>2</sup> TCW/PVC/CS/PVC/SWA/PVC V90 UV RoHS (DATE) (MTR MARK)

**Recommended Gland** = MM-E1W-25S

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