

TECHNICAL DATA SHEET



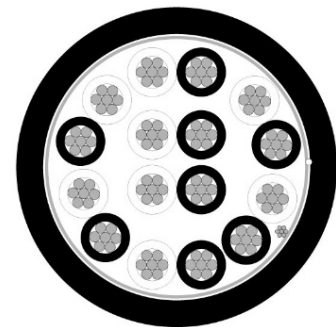
INSTRUMENTATION CABLES – MAS SERIES

OVERALL SCREEN

MAS5508CS – 8 PAIR 1.5MM TCW CS

APPLICATION: Instrumentation Cable suitable Industrial Applications.

| | |
|--|---|
| Standards | AS/NZS1125 , AS/NZS3808 , IEC 60332-1-2 , IEC 60332-3-22 , IEC 60079.14 , RoHS Compliant |
| Conductor | Stranded Tinned Copper Conductor 1.5mm (7/0.50mm) |
| Insulation | PVC ,V90HT , White/Black Numbered Pair's |
| Screen | Overall Shield of Ali/Polyester Foil c/w Tinned Copper Drain Wire (7/0.20mm) |
| Armour | Not Applicable |
| Sheath | PVC , 5V-90 , Flame Retardant , UV Resistant Black PVC <i>(Also available in Intrinsically Safe Blue)</i> |
| Operating Temp. | -20°C to +90°C |
| Rated Voltage | 110VRMS/150VDC |
| Insulation Voltage Rating | 300V |
| Max. Current Rating | 13 Amp |
| Max. DC Resistance @ 20°C | 13.6 Ω/km |
| Max. Capacitance Cond. To Cond. (Screened) | 200 pF/m |
| Max. Capacitance Cond. To Scr. (Screened) | 300 pF/m |
| Inductance @ 1kHz | 0.95 mH/km |
| L/R Ratio @ 1kHz | 36.5 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 | mm² | mm | mm | mm | Kg/km |
| MAS5508CS | 8 Pair | 1.5mm | 0.40 | 1.3 | 15.2 | 371 |
| MAS5508CS BLUE | 8 Pair | 1.5mm | 0.40 | 1.3 | 15.2 | 371 |

Jacket Marking

MASER MAS5508CS INSTRUMENTATION CABLE 8PR 1.5mm² TCW/PVC/CS/PVC V90 UV RoHS (MANUFACTURE DATE) (METRE MARK)

Disclaimer: Although Maser Communications NZ Limited makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice. Maser provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Maser be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Maser has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

