

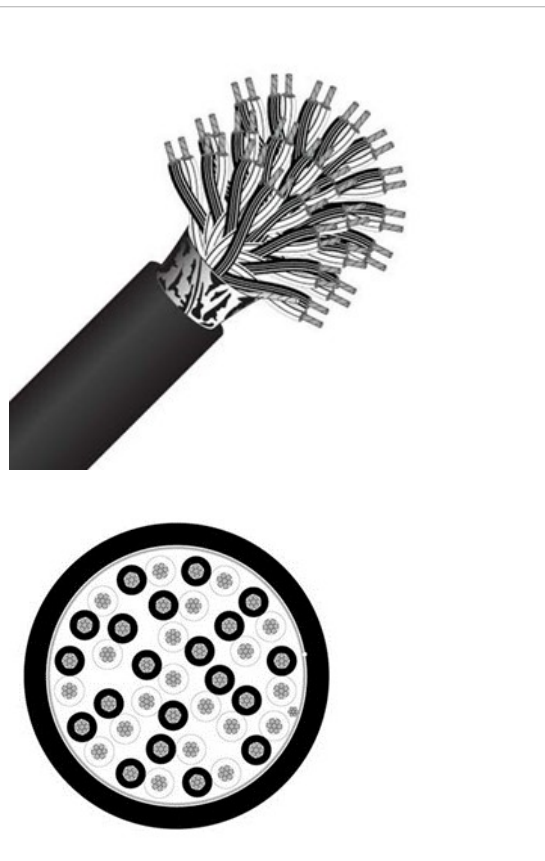
INSTRUMENTATION CABLES – MAS SERIES

OVERALL SCREEN

MAS5020CS – 20 Pair 0.5mm² TCW CS

APPLICATION: Instrumentation Cable suitable for 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 0.5mm (7/0.30mm) |
| Insulation | 0.4mm PVC ,V90HT , White/Black Numbered Pair's |
| Screen | Overall Shield of Al/Polyester Foil c/w Tinned Copper Drain Wire (7/0.20mm) |
| Armour | Not Applicable |
| Sheath | SPVC , 5V-90 , Flame Retardant , UV Resistant Black PVC |
| 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 | mm² | mm | mm | mm | Kg/km |
| MAS5020CS | 20 Pair | 0.5mm | 0.4 | 1.5 | 17.7 | 421 |

Jacket Marking

MASER MAS5020CS INSTRUMENTATION CABLE 20PR 0.5mm² TCW/PVC/CS/PVC V90 UV RoHS (MANUFACTURE DATE) (METRE MARK)

Recommended Gland = MM-A1A2-25L

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