

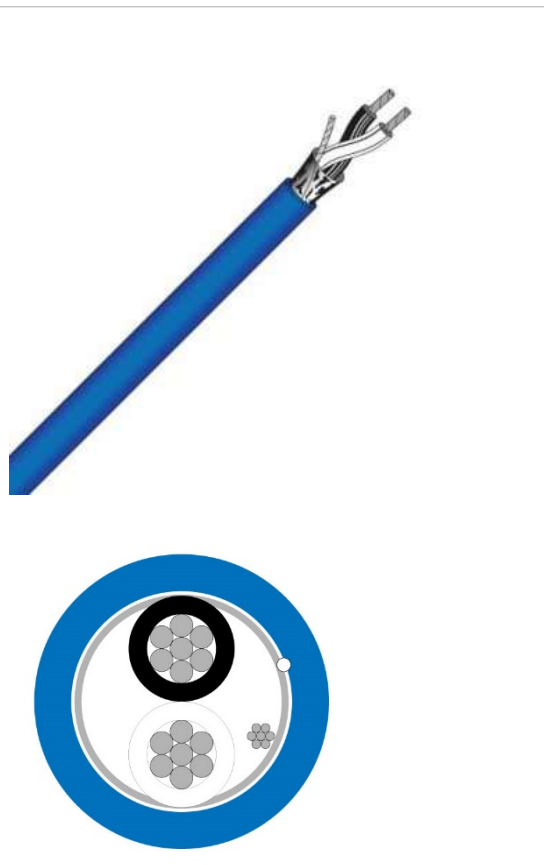
## INSTRUMENTATION CABLES – MAS SERIES

### OVERALL SCREEN - INTRINSICALLY SAFE

### MAS5001CS BLUE – 1 Pair 0.5mm<sup>2</sup> TCW CS

**APPLICATION:** Instrumentation Cable suitable for intrinsically safe Applications.

Standards	AS/NZS1125 , AS/NZS3808 , IEC 60332-1-2 , IEC 60332-3-22 , IEC 60079.14 , <b>RoHS</b> Compliant
Conductor	Stranded Tinned Copper Conductor 0.5mm (7/0.30mm)
Insulation	0.4mm PVC ,V90HT , White/Black Numbered Pair
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 Blue PVC Intrinsically Safe
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)	145pf/m
Max. Capacitance Cond. To Scr. (Screened)	240pf/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
MAS5001CS BLUE	1 Pair	0.5mm	0.4	0.8	5.2	33

#### Jacket Marking

MASER MAS5001CS INSTRUMENTATION CABLE 1PR 0.5mm<sup>2</sup> TCW/PVC/CS/PVC V90 UV RoHS (MANUFACTURE DATE) (METRE MARK)

**Recommended Gland = Please contact Maser**

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