TECHNICAL DATA SHEET

INSTRUMENTATION CABLES – MAS SERIES

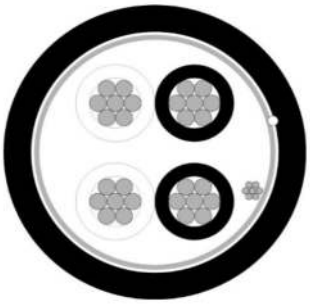
OVERALL SCREEN

MAS5502CS – 2 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 (Also available in Intrinsically Safe Blue)
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
MAS5502CS	2 Pair	1.5mm	0.4	0.8	9.6	106
MAS5502CS BLUE	2 Pair	1.5mm	0.4	0.8	9.6	106

Jacket Marking

MASER MAS5502CS INSTRUMENTATION CABLE 2PR 1.5mm² TCW/PVC/CS/PVC V90 UV RoHS (MANUFACTURE DATE) (METRE MARK)

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