TECHNICAL DATA SHEET

INSTRUMENTATION CABLES – MAS SERIES

OVERALL SCREEN

MAS5004CS – 4 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 Ali/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
MAS5004CS	4 Pair	0.5mm	0.4	0.8	8.8	93

Jacket Marking

MASER MAS5004CS INSTRUMENTATION CABLE 4PR 0.5mm² TCW/PVC/CS/PVC V90 UV RoHS (MANUFACTURE DATE) (METRE MARK)

Recommended Gland = MM-A1A2-20S

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Maser Communications (NZ) Ltd
09 414 0330 | 0800 663 7825 | sales@maser.co.nz | www.maser.co.nz