TECHNICAL DATA SHEET

INSTRUMENTATION CABLES – MAS SERIES

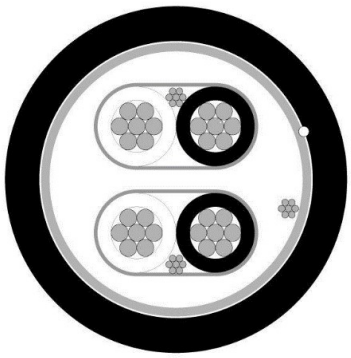
INDIVIDUAL & OVERALL SCREEN

MAS5502ESCS – 2 Pair 1.5mm² TCW ESCS

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 1.5mm (7/0.50mm)
Insulation	0.4mm PVC ,V90HT , White/Black Numbered Pair's
Screen	Individual & 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
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**
MAS5502ESCS	2 Pair	1.5mm	0.4	0.9	10.2	116

Jacket Marking

MASER MAS5502ESCS INSTRUMENTATION CABLE 2PR 1.5mm² TCW/PVC/ESCS/PVC V90 UV RoHS (DATE) (METRE MARK)

Recommended Gland = MM-A1A2-20S

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.

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