TECHNICAL DATA SHEET

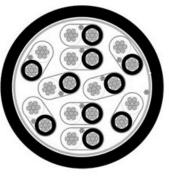


INSTRUMENTATION CABLES – MAS SERIES INDIVIDUAL & OVERALL SCREEN MAS5510ESCS – 10 Pair 1.5mm² TCW ESCS

APPLICATION: Instrumentation Cable suitable for Industrial Applications.

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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	200 pF/m				
Cond. (Screened)					
Max. Capacitance Cond. To	300 pF/m				
Scr. (Screened)					
Inductance @ 1kHz	0.95 mH/km				
L/R Ratio @ 1kHz	36.5 μΗ/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
	Number of					
Maser Ordering Code	Pairs	mm²	mm	mm	mm	Kg/km
MAS5510ESCS	10 Pair	1.5mm	0.40	1.6	19.7	513

Jacket Marking

MASER MASS510ESCS INSTRUMENTATION CABLE 10PR 1.5mm2 TCW/PVC/ESCS/PVC V90 UV ROHS (MANUFACTURE DATE) (METRE MARK)

Recommended Gland = MM-A1A2-32L

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