TECHNICAL DATA SHEET

INSTRUMENTATION CABLES – MAS SERIES

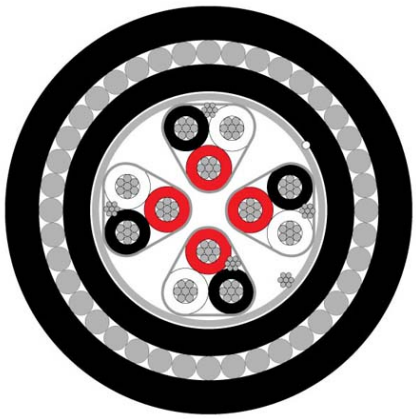
INDIVIDUAL & OVERALL SCREEN – STEEL WIRE ARMOURED

MAS5604ESCSSWA – 4 Triple 1.5mm² TCW ESCS SWA

APPLICATION: Instrumentation Cable suitable for areas requiring mechanical protection.
Suitable for Direct Burial.

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/Red Triad's
Screen	Individual & Overall Shield of Ali/Polyester Foil c/w Tinned Copper Drain Wire (7/0.20mm)
Armour	Galvanized Steel Wire
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	13.0 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	Triads	Conductor	O.D over Bedding	GSWA Size	O.D over GSWA	Outer Sheath Thickness	Nominal Cable O.D	Cable Weight
Maser Ordering Code	Number of Triads	mm²	mm	mm	mm	mm	mm	Kg/km
MAS5604ESCSSWA	4 Triad	1.5mm	13.8	1.25	16.3	1.6	19.5	829

Jacket Marking

MASER MAS5604ESCSSWA INSTRUMENTATION CABLE 4TR 1.5mm² TCW/PVC/ESCS/PVC/SWA/PVC V90 UV RoHS (MANUFACTURE DATE) (METRE)

Recommended Gland = MM-E1W-20L

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