

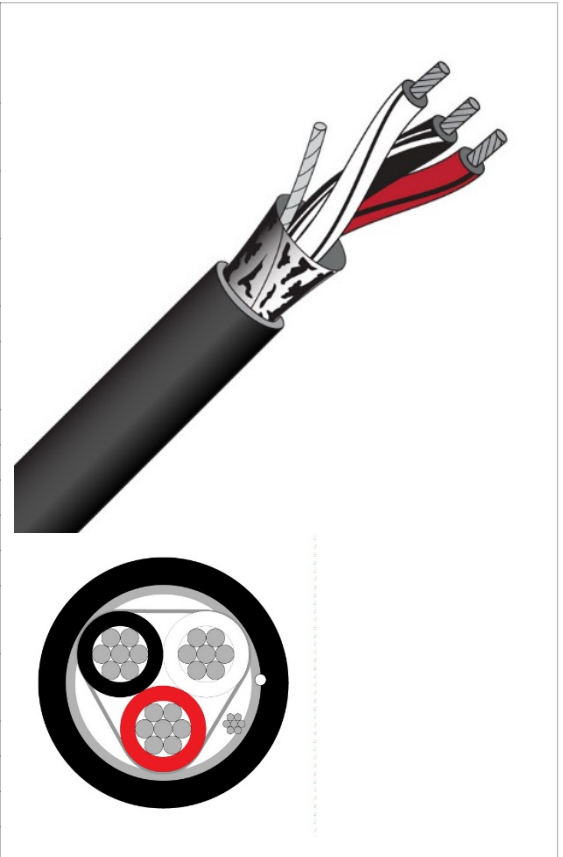
## INSTRUMENTATION CABLES – MAS SERIES

### OVERALL SCREEN

### MAS5301CS – 1 Triple 0.5mm<sup>2</sup> TCW CS

APPLICATION: Instrumentation Cable suitable Industrial Applications.

<b>Standards</b>	AS/NZS1125 , AS/NZS3808 , IEC 60332-1-2 , IEC 60332-3-22 , IEC 60079.14 , <b>RoHS</b> Compliant
<b>Conductor</b>	Stranded Tinned Copper Conductor 0.5mm (7/0.30mm)
<b>Insulation</b>	0.4mm PVC ,V90HT , White/Black/Red Triad
<b>Screen</b>	Element Shield of Ali/Polyester Foil c/w Tinned Copper Drain Wire (7/0.20mm)
<b>Armour</b>	Not Applicable
<b>Sheath</b>	SPVC , 5V-90 , Flame Retardant , UV Resistant Black PVC
<b>Operating Temp.</b>	-20°C to +90°C
<b>Rated Voltage</b>	110VRMS/150VDC
<b>Insulation Voltage Rating</b>	300V
<b>Max. Current Rating</b>	3.2 Amp
<b>Max. DC Resistance @ 20°C</b>	38.4 Ω/km
<b>Max. Capacitance Cond. To Cond. (Screened)</b>	145 pF/m
<b>Max. Capacitance Cond. To Scr. (Screened)</b>	240 pF/m
<b>Inductance @ 1kHz</b>	1.00 mH/km
<b>L/R Ratio @ 1kHz</b>	13.7 μH/Ω
<b>Insulation Resistance</b>	140 MΩ/km
<b>Bending Radius (Fixed)</b>	10D (D = Cable Diameter)



Product	Triads	Conductor	Insulation Thickness	Outer Sheath Thickness	Approx Cable O.D	Approx. Cable Weight
<b>Maser Ordering Code</b>	<b>Number of Triads</b>	<b>mm<sup>2</sup></b>	<b>mm</b>	<b>mm</b>	<b>mm</b>	<b>Kg/km</b>
MAS5301CS	1 Triad	0.5mm	0.4	0.8	5.2	41

#### Jacket Marking

MASER MAS5301CS INSTRUMENTATION CABLE 1TR 0.5mm<sup>2</sup> TCW/PVC/CS/PVC V90 UV RoHS (MANUFACTURE DATE) (METRE MARK)

Recommended Gland = MM-A1A2-20S16

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