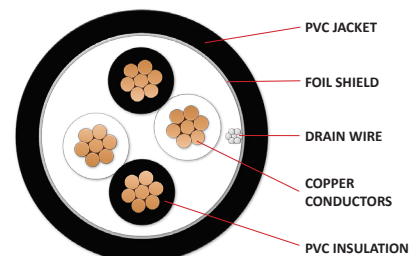


ECO INSTRUMENTATION CABLE

0.5mm² OS - BLACK

NOT FOR MAINS CONNECTION

APPLICATION: Used in process control applications for interconnecting measurement instruments, instrument panels, sensing devices and control systems.



TECHNICAL DATA

Conductor	0.5mm ² (7/0.30) Stranded Plain Annealed Copper Conductor
Insulation	V-90HT PVC, Black & White Numbered Twisted Pairs
Screen	Overall Aluminium/Polyester Foil Shield with 7/0.20mm Tinned Copper Drain Wire
Sheath	5V-90 PVC - Black UV Resistant
Operating Voltage	110V AC/150V DC
Max. DC Conductor Resistance @ 20°C (Ω/km)	38.4
Insulation Resistance (MΩ/km)	140
Nominal Capacitance	
• Conductor to Conductor (pF/m)	145
• Conductor to Shield (pF/m)	240
Inductance @ 1kHz (μH/m)	0.70
Operating Temperature	-20°C to +90°C
Bending Radius	8xOD
Standards	International: IEC 60332-3-22 Australia/New Zealand: AS/NZS 1125, AS/NZS 3808, AS/NZS 1660 Compliant to BEP PVC Best Practice (GreenStar)

PHYSICAL CHARACTERISTICS

Product Code	No. of Pairs	Conductor Area (mm ²)	Insulation Thickness (mm)	Nominal O.D. (mm)	Reel Quantity (m)	Package Dimensions (LxWxH)	Package Weight (kg)
MAU1P0.5OS/100m	1	0.5	0.4	5.5	100	24 x 24 x 15cm	5.0
MAU1P0.5OS/500m	1	0.5	0.4	5.5	500	33 x 33 x 32cm	20.0
MAU2P0.5OS/100m	2	0.5	0.4	7.6	100	28 x 28 x 23cm	8.0
MAU2P0.5OS/500m	2	0.5	0.4	7.6	500	45 x 45 x 34cm	35.0
MAU3P0.5OS/100m	3	0.5	0.4	8.4	100	30 x 30 x 25cm	10.0
MAU3P0.5OS/500m	3	0.5	0.4	8.4	500	50 x 50 x 40cm	43.0
MAU4P0.5OS/100m	4	0.5	0.4	8.9	100	33 x 33 x 20cm	11.0
MAU4P0.5OS/500m	4	0.5	0.4	8.9	500	50 x 50 x 43cm	52.0

Disclaimer: Although Maser Australia 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