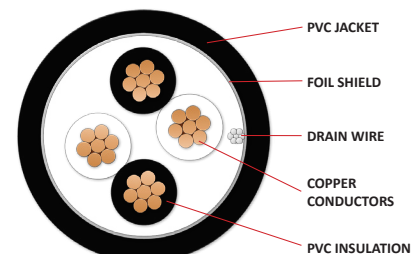


## ECO INSTRUMENTATION CABLE

### 1.5mm<sup>2</sup> 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	1.5mm <sup>2</sup> (7/0.50) 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)	13.6
Insulation Resistance (MΩ/km)	140
Nominal Capacitance	
• Conductor to Conductor (pF/m)	200
• Conductor to Shield (pF/m)	300
Inductance @ 1kHz (μH/m)	0.95
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 <sup>2</sup> )	Insulation Thickness (mm)	Nominal O.D. (mm)	Reel Quantity (m)	Package Dimensions (LxWxH)	Package Weight (kg)
MAU1P1.5OS/100m	1	1.5	0.4	6.5	100	24 x 24 x 20cm	7.0
MAU1P1.5OS/500m	1	1.5	0.4	6.5	500	38 x 38 x 35cm	31.0
MAU2P1.5OS/100m	2	1.5	0.4	9.8	100	38 x 38 x 18cm	12.0
MAU2P1.5OS/500m	2	1.5	0.4	9.8	500	55 x 55 x 40cm	55.0
MAU3P1.5OS/100m	3	1.5	0.4	10.3	100	35 x 35 x 25cm	16.0
MAU3P1.5OS/500m	3	1.5	0.4	10.3	500	55 x 55 x 40cm	79.0
MAU4P1.5OS/100m	4	1.5	0.4	11.8	100	38 x 38 x 34cm	21.0
MAU4P1.5OS/500m	4	1.5	0.4	11.8	500	57 x 57 x 53cm	102.0

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