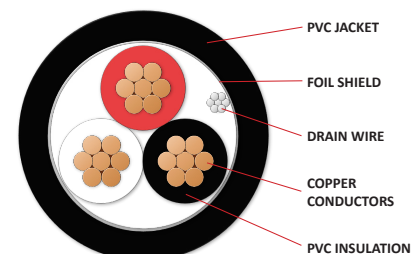


## ECO INSTRUMENTATION CABLE

### 0.5mm<sup>2</sup> OS - BLACK TRIAD

#### 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 <sup>2</sup> (7/0.30) Stranded Plain Annealed Copper Conductor
Insulation	V-90HT PVC, Red, 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 Triads	Conductor Area (mm <sup>2</sup> )	Insulation Thickness (mm)	Nominal O.D. (mm)	Reel Quantity (m)	Package Dimensions (LxWxH)	Package Weight (kg)
MAU1T0.5OS/100m	1	0.5	0.4	5.6	100	25 x 25 x 16cm	5.0
MAU1T0.5OS/500m	1	0.5	0.4	5.6	500	35 x 35 x 30cm	23.4

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