

Audio Control & Instrumentation Cable

2pr 18AWG, Unscreened, LSF Sheath

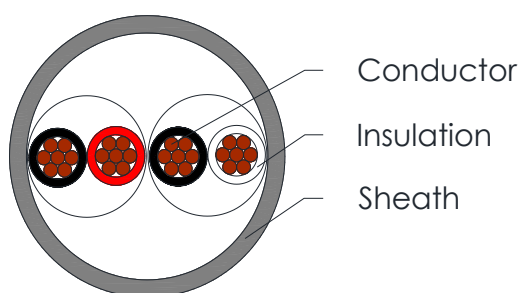


C4562

Applications

Unscreened pair cable suitable for Audio Control, Instrumentation and Building Management Systems (BMS)

Cross Section Drawing



Design

Unit	Properties
Conductor	Tinned Copper Wires
Insulation	Polyethylene Pair 1: Black + Red Pair 2: Black + White
Pair	Two wires twisted together
Sheath Material	LSF Standard colour: Grey
Standard Put Up Length	305 meters

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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Physical Characteristics

Part Number	C4562
Number of pairs	2
Conductor size (AWG)	18
Conductor stranding (AWG)	7x26
Nom. Radial Thickness Insulation (mm)	0.5
Nom. Insulation diameter (mm)	2.16
Nom. Radial Thickness Sheath (mm)	0.7
Nom. Overall Diameter (mm)	9.0
Operating Temperature (°C)	-25 / +75
Max. Recommended Pulling Tension (N)	200
Min. Bend Radius (install) (mm)	92
Nominal Cable Weight (kg/km)	65.6

Electrical Characteristics

Part Number	C4562
Conductor AWG size (AWG)	18
Max. DC Resistance Conductor (Ω /km)	21.7
Capacitance conductor to conductor (pF/m)	75
Capacitance cond. To other cond.+screen (pF/m)	120
Nominal Inductance (μ H/m)	0.6
Max. Recommended Current at 25°C (Amps)	5.2
Max. Operating Voltage (Vrms)	300

Reference Standards

(BS) EN 50290-2	IEC 61034-1&-2
IEC 60228	IEC 60754-1&-2
IEC 60332-1	UL1581
RoHS directives	