

Audio Control & Instrumentation Cable, 1 pair, 10AWG Overall Screen, HFFR/LSZH Sheath

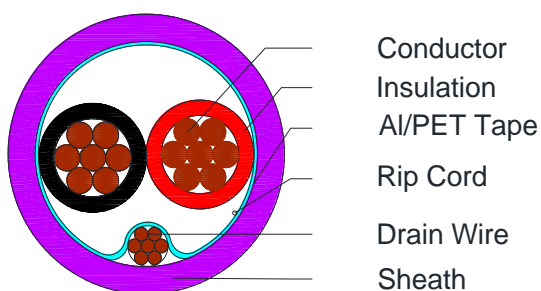


C5195

Applications

Screened Multi-Conductor cables suitable for Audio, Control, Instrumentation and Building Management Systems (BMS)

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire, 10AWG flexible
Insulation	Polyolefin Pair 1: Black & Red
Pair	Two cores twisted together as a pair
Screen	Aluminium/Polyester 100% Coverage
Drain Wire	12 AWG (19 x 25) Tinned Copper
Sheath Material	Flame-Retardant Halogen Free (HFFR/LSZH) Standard colour: Purple
Rip Cord	Nylon Yarn
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	C5195
No of Pairs	1
Nom. Conductor Configuration (AWG)	65 × 28
Nom. Conductor Diameter (mm)	2.84
Nom. Radial Thickness Insulation (mm)	0.51
Nom. Insulation Diameter (mm)	4.00
Nom. Radial Thickness Sheath (mm)	0.65
Nom. Overall Diameter (mm)	9.4
Operating Temperature (°C)	-25 / +75
Max. Recommended Pulling Tension (N)	900
Min. Bend Radius (install) (mm)	94
Nominal Cable Weight (kg/km)	157

Electrical Characteristics

Part Number	C5195
Nom. DC Resistance Conductor (Ω/km)	3.38
Capacitance conductor to conductor (pF/m)	85
Nominal Inductance (μH/m)	0.49
Max. Recommended Current at 25°C (Amps)	18
Max. Operating Voltage (Vrms)	300

Reference Standards

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