

Audio Control & Instrumentation Cable, 2C, 10AWG Unscreened, LSZH-HFFR Sheath

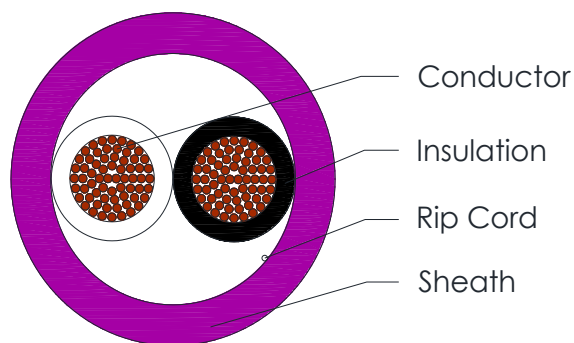


C5489

Applications

Unscreened 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 & White
Cabling	Two cores twisted together
Sheath Material	Halogen Free Flame-Retardant (LSZH-HFFR) 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	C5489
No of Cores	2
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)	9.3
Operating Temperature (°C)	-25 / +75
Max. Recommended Pulling Tension (N)	900
Min. Bend Radius (install) (mm)	93
Nominal Cable Weight (kg/km)	127

Electrical Characteristics

Part Number	C5489
Nom. DC Resistance Conductor (Ω /km)	3.83
Capacitance conductor to conductor (pF/m)	85
Nominal Inductance (μ H/m)	0.49
Max. Recommended Current at 25°C (Amps)	18
Max. Operating Voltage (Vrms)	300

Reference Standards

(BS) EN 50290-2	IEC 60332-3-24
IEC 60228	IEC 61034-1&-2
RoHS directives	IEC 60754-1&-2