

Audio Control & Instrumentation Cable, 4C, 22AWG Overall Screen, HFFR/LSZH Sheath

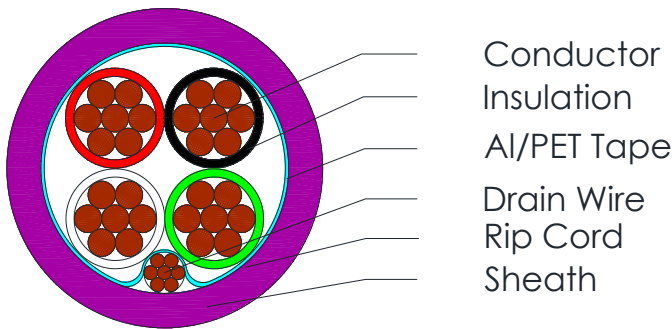


C5482

Applications

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

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire, 22AWG flexible
Insulation	HFFR/LSZH Core 1: Black Core 2: Red Core 3: White Core 4: Green
Cabling	Cores cabled together
Drain Wire	24 AWG (7 x 32) Tinned Copper
Screen	Aluminium/Polyester 100% Coverage
Rip Cord	Nylon Yarn
Sheath Material	Flame-Retardant Halogen Free (HFFR/LSZH) Standard colour: purple
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	C5482
No of cores x 22AWG (7 x 30)	4
Nom. Diameter Conductor (mm)	0.75
Nom. Radial Thickness Insulation (mm)	0.55
Nom. Radial Thickness Sheath (mm)	0.90
Nom. Overall Diameter (mm)	6.40
Operating Temperature (°C)	-25 / +75
Max. Recommended Pulling Tension (N)	150
Min. Bend Radius (install) (mm)	64
Nominal Cable Weight (kg/km)	50.4

Electrical Characteristics

Part Number	C5482
No of cores x 22AWG (7 x 30)	4
Max. DC Resistance Conductor (Ω /km)	57.4
Max. DC Resistance Screen (Ω /km)	78.5
Capacitance conductor to conductor (pF/m)	90
Capacitance conductor to rest (pF/m)	180
Nominal Inductance (μ H/m)	0.5
Max. Recom. Current @ 25°C (Amps)	2.25
Max. Operating Voltage (Vrms)	300

Reference Standards

(BS) EN 50290-2
IEC 60228
IEC 60754-1 & 2
IEC 61034, IEC 60332-3-24
IEC 60331
RoHS directives