

Audio Control & Instrumentation Cable, 2C to 8C, 12AWG Unscreened, HFFR/LSZH Sheath

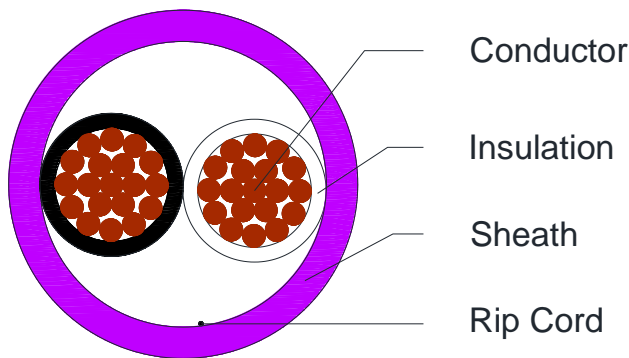


C1335, C1337, C1339, C1341, C1343, C1345

Applications

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

Cross Section Drawing



Design

Unit	Properties
Conductor	N x Bare Copper wire, 12AWG flexible
Insulation	HFFR Core 1: Black Core 2: White Core 3: Red Core 4: Green Core 5: Brown Core 6: Blue Core 7: Orange Core 8: Yellow
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.

**Audio Control & Instrumentation Cable,
2C to 8C, 12AWG Unscreened,
HFFR/LSZH Sheath**



C1335, C1337, C1339, C1341, C1343, C1345

Physical Characteristics

Part Number	C1335	C1337	C1339	1341	C1343	C1345
No of cores x 12AWG (19 x 25)	2	3	4	5	6	8
Nom. Diameter Conductor	2.3					
Nom. Radial Thickness Insulation (mm)	0.3					
Nom. Radial Thickness Sheath (mm)	0.65					
Nom. Overall Diameter (mm)	7.2	7.6	8.4	9.2	10.1	11.1
Operating Temperature (°C)	-25 / +75					
Max. Recommended Pulling Tension (N)	675	1015	1350	1690	2025	2700
Min. Bend Radius (install) (mm)	72	76	84	92	101	111
Nominal Cable Weight (kg/km)	92.3	124.8	160.3	194.8	230.6	299.0

Electrical Characteristics

Part Number	C1335	C1337	C1339	C1341	C1343	C1345
No of cores x 12AWG (19 x 25)	2	3	4	5	6	8
Max. DC Resistance Conductor (Ω/km)	5.61					
Capacitance conductor to conductor (Pf/m)	75	76	80	80	80	80
Nominal Inductance (μH/m)	0.5	0.5	0.5	0.5	0.5	0.5
Max. Recommended Current at 25°C (Amps)	12	12	9.6	8.4	8.4	8.4
Max. Operating Voltage (Vrms)	300					

Reference Standards

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