

# Audio Control & Instrumentation Cable, 1 PR, 12AWG Unscreened, HFFR/LSZH Sheath

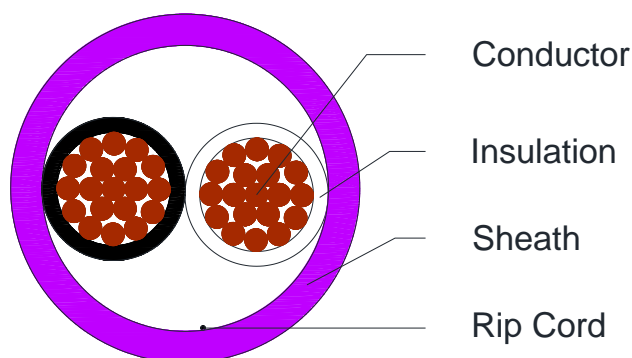


C1335

## Applications

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

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Bare Copper wire, 12AWG flexible
Insulation	HFFR Pair1: Black + White
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,  
1 PR, 12AWG Unscreened,  
HFFR/LSZH Sheath**



**C1335**

**Physical Characteristics**

Part Number	C1335
No of pairs x 12AWG (19 x 25)	1
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
Operating Temperature (°C)	-25 / +75
Max. Recommended Pulling Tension (N)	675
Min. Bend Radius (install) (mm)	72
Nominal Cable Weight (kg/km)	92.3

**Electrical Characteristics**

Part Number	C1335
No of pairs x 12AWG (19 x 25)	1
Max. DC Resistance Conductor ( $\Omega$ /km)	5.61
Capacitance conductor to conductor (pF/m)	75
Nominal Inductance ( $\mu$ H/m)	0.5
Max. Recommended Current at 25°C (Amps)	12
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