

Audio Control & Instrumentation Cable, 2C to 12C, 24AWG Unscreened, HFFR/LSZH Sheath

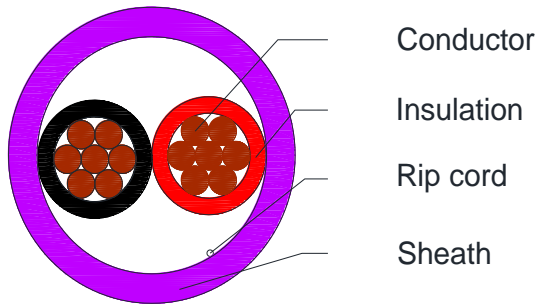


C5757, C5758, C5759, C5760, C5761, C5762

Applications

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

Cross Section Drawing



Design

Unit	Properties
Conductor	N x Bare Copper wire, 24AWG flexible
Insulation	HFFR/LSZH Core 1: Black Core 2: Red Core 3: White Core 4: Green Core 5: Brown Core 6: Blue Core 7: Orange Core 8: Yellow Core 9: Purple Core 10: Grey Core 11: Pink Core 12: Tan
Cabling	Cores cabled/twisted together
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	C5757	C5758	C5759	C5760	C5761	C5762
No of cores x 24AWG (7 x 32)	2	3	4	6	8	12
Nom. Diameter Conductor (mm)	0.60					
Nom. Radial Thickness Insulation (mm)	0.25					
Nom. Radial Thickness Sheath (mm)	0.60					
Nom. Overall Diameter (mm)	3.5	3.7	4.0	4.6	5.0	5.9
Operating Temperature (°C)	-25 / +75					
Max. Recommended Pulling Tension (N)	50	75	100	150	200	300
Min. Bend Radius (install) (mm)	35	37	40	46	50	59
Nominal Cable Weight (kg/km)	15.1	18.7	22.2	30.0	36.8	50.3

Electrical Characteristics

Part Number	C5757	C5758	C5759	C5760	C5761	C5762
No of cores x 22AWG (7 x 30)	2	3	4	6	8	12
Max. DC Resistance Conductor (Ω /km)	88					
Capacitance conductor to conductor (pF/m)	55	55	55	50	50	50
Nominal Inductance (μ H/m)	0.5					
Max. Recom. Current @ 25°C (Amps)	2.6	2.6	2.05	1.75	1.75	1.75
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