

Audio Control & Instrumentation Cable, 2C to 8C, 18AWG, Unscreened, HFFR Sheath

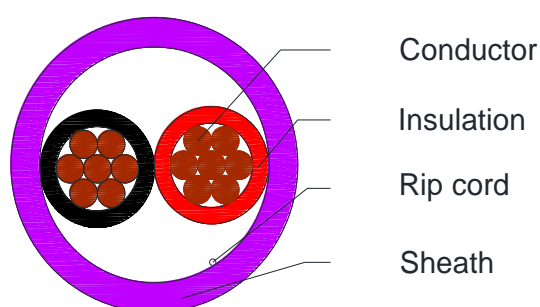


C1722, C1724, C1726, C1754, C1728, C1730

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, 18AWG flexible
Insulation	HFFR Core 1: Black Core 2: Red Core 3: White 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) 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	C1722	C1724	C1726	C1754	C1728	C1730
No of cores x 18AWG (7 x 26)	2	3	4	5	6	8
Nom. Diameter Conductor (mm)	1.2					
Nom. Radial Thickness Insulation (mm)	0.25					
Nom. Radial Thickness Sheath (mm)	0.8					
Nom. Overall Diameter (mm)	5.0	5.3	5.7	6.2	6.7	7.2
Operating Temperature (°C)	-25 / +75					
Max. Recommended Pulling Tension (N)	200	299	399	499	600	797
Min. Bend Radius (install) (mm)	50	53	57	62	67	72
Nominal Cable Weight (kg/km)	34.7	45.5	56	67.2	78.4	99

Electrical Characteristics

Part Number	C1722	C1724	C1726	C1754	C1728	C1730
No of cores x 18AWG (7 x 26)	2	3	4	5	6	8
Max. DC Resistance Conductor (Ω /km)	22.7					
Capacitance conductor to conductor (pF/m)	65	70	72	75	75	75
Nominal Inductance (μ H/m)	0.5					
Max. Recom. Current @ 25°C (Amps)	5	5	4	3.5	3.5	3.5
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