

Audio Control & Instrumentation Cable, 2C to 8C, 18AWG, Unscreened, Plenum Grade PVC Sheath

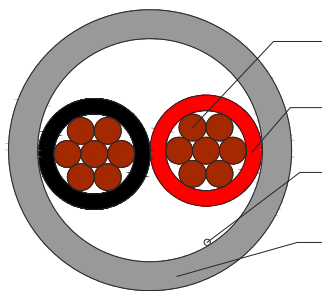


C8722, C8724, C8726, C8754, C8728, C8730

Applications

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

Cross Section Drawing



Conductor
Insulation
Rip cord
Sheath



Design

Unit	Properties
Conductor	N x Bare Copper wire, 18AWG flexible
Insulation	PVC 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	Plenum Grade Flame-Retardant Polyvinyl Chloride (PVC) Standard Colour: Grey
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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Plenum Grade PVC Sheath**



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Physical Characteristics

Part Number	C8722	C8724	C8726	C8754	C8728	C8730
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)	0.30					
Nom. Radial Thickness Sheath(mm)	0.65					
Nom. Overall Diameter (mm)	4.9	5.2	5.7	6.2	6.7	7.2
Operating Temperature (°C)	0 / +60					
Max. Recommended Pulling Tension (N)	200	299	399	499	600	797
Min. Bend Radius (install) (mm)	49	52	57	62	67	72
Nominal Cable Weight (kg/km)	34.7	45.5	56	67.2	77.7	99.5

Electrical Characteristics

Part Number	C8722	C8724	C8726	C8754	C8728	C8730
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)	80	78	78	75	75	75
Nominal Inductance (μH/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
NFC 725.154(A), ANSI/NFPA 262
RoHS directives