

Audio Control & Instrumentation Cable, 24AWG, 2 to 1 OC, Unscreened & PVC Sheath

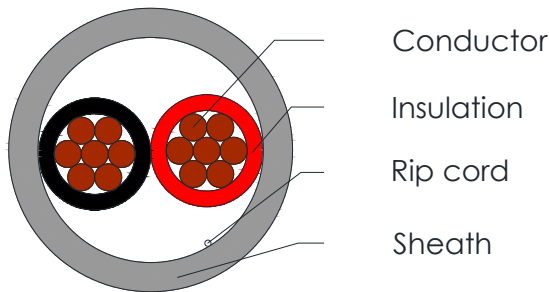


C4848, C4849, C4850, C4851, C4852, C4853, C4854

Applications

Multi-Conductor cable suitable for Audio, Control, Instrumentation and Building Management Systems (BMS). UL listed E486876.(Type CL2X)

Cross Section Drawing



Design

Unit	Properties
Conductor	N x Bare Copper wire, 24AWG flexible
Insulation	Polyolefin 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
Cabling	Cores cabled/twisted together
Rip cord	Nylon yarn
Sheath Material	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.

Audio Control & Instrumentation Cable, 24AWG, 2 to 10C, Unscreened & PVC Sheath



C4848, C4849, C4850, C4851, C4852, C4853, C4854

Physical Characteristics

Part Number	4848	4849	4850	4851	4852	4853	C4854
No of cores x 24AWG (7 x 32)	2	3	4	6	8	9	10
Nom. Diameter Conductor (mm)	0.60						
Nom. Radial Thickness Insulation (mm)	0.20						
Nom. Radial Thickness Sheath (mm)	0.4						
Nom. Overall Diameter (mm)	2.8	3.0	3.2	3.8	4.1	4.5	4.8
Operating Temperature (°C)	-25 / +75						
Max. Recommended Pulling Tension (N)	75	110	170	200	300	320	390
Min. Bend Radius (install) (mm)	28	30	32	38	41	45	48
Nominal Cable Weight (kg/km)	10.4	13.1	16.1	22.0	27.0	30.1	33.2

Electrical Characteristics

Part Number	4848	4849	4850	4851	4852	4853	C4854
No of cores x 24AWG (7 x 32)	2	3	4	6	8	9	10
Max. DC Resistance Conductor (Ω/km)	88						
Capacitance conductor to conductor (pF/m)	45	40	40	40	3	35	35
Nominal Inductance (μH/m)	0.5						
Max. Recommended Current at 25°C (Amps)	1.95	1.95	1.95	1.5	1.5	1.5	1.5
Max. Operating Voltage (Vrms)	300						

Reference Standards

(BS) EN 50290-2	UL 1581
IEC 60228	UL listed E486876. (Type CL2X)
IEC 60332-1	RoHS directives