

Audio Control & Instrumentation Cable, 2 to 8C, 22AWG Unscreened & LSF Sheath

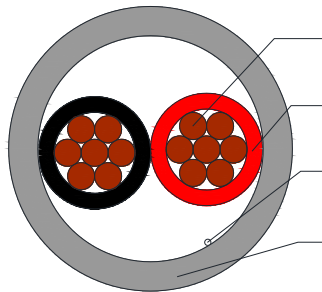


C4060, C4061, C4062, C4063, C4064

Applications

Multi-Conductor cable (no overall screen) 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, 22AWG 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 |
| Rip cord | Nylon yarn |
| Sheath Material | LSF 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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Physical Characteristics

| Part Number | C4060 | C4061 | C4062 | C4063 | C4064 |
|--|-----------|-------|-------|-------|-------|
| Number of Cores | 2 | 3 | 4 | 6 | 8 |
| No of cores x 22AWG (7 x 30) | 0.75 | | | | |
| Nom. Radial Thickness of Insulation (mm) | 0.20 | | | | |
| Nom. Radial Thickness of Sheath (mm) | 0.4 | | | | |
| Nom. Diameter of Sheath (mm) | 3.3 | 3.5 | 3.8 | 4.5 | 4.9 |
| Operating Temperature (°C) | -25 / +75 | | | | |
| Max. Recommended Pulling Tension (N) | 80 | 121 | 187 | 243 | 324 |
| Min. Bend Radius (install) (mm) | 33 | 35 | 38 | 45 | 49 |
| Nominal Cable Weight (kg/km) | 13.4 | 18.2 | 22 | 32 | 40.3 |

Electrical Characteristics

| Part Number | C4060 | C4061 | C4062 | C4063 | C4064 |
|--|-------|-------|-------|-------|-------|
| No of cores x 22AWG (7 x 30) | 2 | 3 | 4 | 6 | 8 |
| Max. DC Resistance Conductor (Ω /km) | 57.4 | | | | |
| Capacitance conductor to conductor (pF/m) | 40 | 35 | 35 | 45 | 45 |
| Nominal Inductance | 0.5 | | | | |
| Max. Recommended Current at 25°C | 2.8 | 2.8 | 2.25 | 1.95 | 1.95 |
| Max. Operating Voltage (Vrms) | 300 | | | | |

Reference Standards

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|-----------------|
| (BS) EN 50290-2 |
| IEC 60228 |
| IEC 60332-1 |
| RoHS directives |