

Audio and Alarm Cable, 2C, 18AWG, Overall Screen & Aquaseal Tape, PVC Sheath



C1385

Applications

Suitable for outdoor use, and indoor trays, allows a variety of uses for Intercom, Security, Sound, Audio, Background music and Fire Alarm Circuits.

Design

| Unit | Properties |
|------------------------|--|
| Conductor | Bare Copper wire |
| Insulation | Polyvinyl Chloride (PVC) Core 1: Black Core 2: Red |
| Screen | Aluminium/Polyester 100% Coverage |
| Drain wire | 24 AWG (7 x 32) Tinned Copper |
| Water-Blocking Tape | 2 Ply water swellable tape |
| Sheath | Flame-Retardant and Sunlight/Moisture Resistance Polyvinyl Chloride (PVC) Standard colour: Gray |
| 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.

Physical Characteristics

| Part Number | C1385 |
|--------------------------------------|-------------|
| No of cores | 2 |
| Conductor Size(AWG) | 18 (7 x 26) |
| Nom. Radial Thickness Insulation(mm) | 0.254 |
| Min. Screen tape coverage(%) | 100 |
| Nom. Radial Thickness Sheath(mm) | 0.64 |
| Nom. Overall Diameter(mm) | 6.53 |
| Operating Temperature (°C) | -20 to +75 |
| Max. Recommended Pulling Tension (N) | 253 |
| Min. Bend Radius (install)(mm) | 65 |
| Nominal Cable Weight (kg/km) | 50 |

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Electrical Characteristics at 20°C

| Part Number | C1385 |
|--|-------|
| Max. DC Resistance Conductor (Ω /km) | 22.7 |
| Capacitance conductor to conductor (pF/m) | 128 |
| Capacitance cond. To other cond.+screen (pF/m) | 230 |
| Max. Operating Voltage (Vrms) | 300 |

Reference Standards

| | |
|-----------------|-----------------|
| (BS) EN 50290-2 | TIA455-82B |
| IEC 60228 | RoHS directives |
| IEC 60332-1 | |