

# Security & Alarm Cable, 4C, 18AWG Unscreened & CMP PVC Sheath

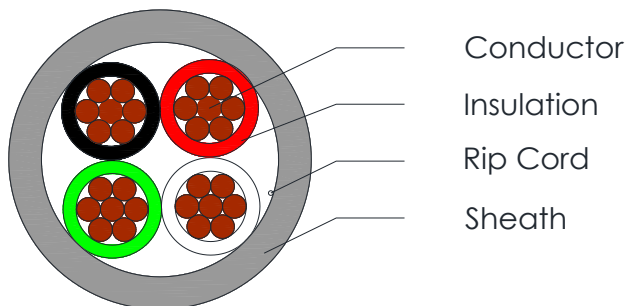


C4789

## Applications

Security & Alarm Cable, Commercial Applications

## Cross Section Drawing



## Design

| Unit                   | Properties  |
|------------------------|---|
| Conductor              | Bare Copper wire  |
| Insulation             | PVC<br>Core 1: Black, Core 2: Red<br>Core 3: White, Core 4: Green |
| Cabling                | Four cores twisted together                                       |
| Rip cord               | Nylon yarn  |
| Sheath                 | CMP PVC<br>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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**C4789**

## Physical Characteristics

| Part Number                          | C4789       |
|--------------------------------------|-------------|
| No of Cores                          | 4           |
| Conductor Size (AWG)                 | 18 (7 x 26) |
| Nom. Diameter Conductor(mm)          | 1.2         |
| Nom. Insulation Diameter(mm)         | 2.0         |
| Nom. Radial Thickness Sheath(mm)     | 0.4         |
| Nom. Overall Diameter(mm)            | 6.00        |
| Operating Temperature (°C)           | -25 to +75  |
| Max. Recommended Pulling Tension (N) | 400         |
| Min. Bend Radius (install)(mm)       | 60          |
| Nominal Cable Weight (kg/km)         | 52          |

## Electrical Characteristics at 20°C

| Part Number                                  | C4789 |
|--|-------|
| No of Cores                                  | 4     |
| Max. DC Resistance Conductor ( $\Omega$ /km) | 22.7  |
| Capacitance conductor to conductor (pF/m)    | 110   |
| Max. Recommended Current at 25°C (Amps)      | 4     |
| Max. Operating Voltage (Vrms)                | 300   |

## Reference Standards

|                 |
|-----------------|
| (BS) EN 50290-2 |
| IEC 60228       |
| NFPA 262 UL910  |
| RoHS directives |