



Product Code: **C1818F**

Control, Security, Audio, BMS, 8 Conductor, 18 AWG, BC, PP Ins, PVC, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 8 Conductor, 18 AWG, Stranded Bare Copper Conductor, Polypropylene Insulation, Shielded, CMR Polyvinyl Chloride Jacket with 210D Nylon Rip Cord

TECHNICAL SPECIFICATION

Suitable Application Control, Audio, Data, Monitoring Building Management System.

Conductor

| | |
|----------------|--------------|
| Element | Conductor(s) |
| No. of Element | 8 |
| Size | 18 AWG |
| Stranding | 7x26 |
| Material | Bare Copper |

Insulation

| | |
|------------------------|---|
| Material | PP- Polypropylene |
| Nominal Thickness (mm) | 0.30 |
| Nominal Diameter (mm) | 1.80±0.10 |
| Color Code | Black, Red, White, Green Brown, Blue, Orange, Yellow |

Outer Shield

| | |
|-----------------|----------------------|
| Shield Type | Tape |
| Material | Al-PET Shield |
| Coverage | >=115% |
| Drain Wire Type | 24 AWG Tinned Copper |

Outer Jacket

| | |
|------------------------|------------------------|
| Material | CMR Polyvinyl Chloride |
| Nominal Thickness (mm) | 0.46 |
| Nominal Diameter (mm) | 6.20±0.10 |
| Rip Cord | Yes |

ELECTRICAL CHARACTERISTICS

Electrical

| | |
|-------------------------------------|----------------|
| Max Con DC Resistance at 20°C(Ω/km) | <21.3 |
| 20°C Ins Resistance (MΩ.km) | >200 |
| Nominal Conductor DCR | 6.80 Ohm/305 m |
| Voltage | 300V |

MECHANICAL CHARACTERISTICS

| | |
|----------------------------|----------------|
| Operating Temperature (°C) | -20°C to +75°C |
| Bend Radius (mm) | 62.0 |
| Max Pull Tension | 87 kg |
| Bulk Cable Weight | 25 kgs/305 m |

STANDARDS & COMPLIANCE

Environmental Suitability: Indoor-Riser, Indoor

Flammability/Reaction to Fire: UL 1666 Riser: IEC 60332-1-2, FT4

CPR Compliance: CPR Euroclass: Eca

RoHS2(2011/65/EU Compliant)

UL Number E535337

Disclaimer

@2023 CHH Conex all rights reserved

All Rights Reserved. Although CHH make every reasonable effort to ensure their accuracy all the time of this publication information and specification prescribed herein are subject to error or omission to changes without notice and all listing or such information and specifications does not ensure product availability. (5306FE)