



Product Code: **C1822F**

Control, Security, Audio, BMS, 8 Conductor, 22 AWG, BC, PP Ins, PVC Jacket, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 8 Conductor 22 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	22 AWG
Stranding	7x30
Material	Bare Copper

Insulation

Material	PP- Polypropylene
Nominal Thickness (mm)	0.20
Nominal Diameter (mm)	1.20±0.1x8C
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)	4.75±0.2
Rip Cord	Yes (Nylon-210D)

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<54.2
20°C Ins. Resistance(MΩ.KM)	>200
Nominal Conductor DCR	17.0 Ohm/305 m
Voltage	300V

MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-20°C to +75°C
Bend Radius (mm)	48.0
Max Pull Tension	35.5 kg

STANDARDS & COMPLIANCE

Environmental Suitability: Indoor-Riser, Indoor
 Flammability/Reaction to Fire: UL 1666 Riser: IEC 60332-1-2
 UL Compliance: CMR
 RoHS2(2011/65/EU Compliant)
 UL Number E535337

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