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1-800-Belden1



General Description:

Security & Alarm Cable, Rated-CMG-FPL-PLTC-ER, 1-18 AWG stranded tinned copper pair with PVC insulation, Waterblocking tape, PVC jacket

Usage (Overall)

Suitable Applications: Low Voltage, Water-Blocked for Use in Underground Ducts, PLTC, FPL, Intercom, Sound, Audio

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	7x26	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

Outer Shield

Outer Shield Waterblocking Tape: Yes

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.037

Overall Cable

Overall Nominal Diameter: 0.227 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

UL Temperature Rating: 105°C

Bulk Cable Weight: 24 lbs/1000 ft.

Max. Recommended Pulling Tension: 44 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG, FPL, PLTC

CEC/C(UL) Specification: CMG

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 11/08/2006

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

Other Specification: PLTC-ER

Flame Test

UL Flame Test: UL1685 FT4/IEEE 1202 Vertical Tray Flame Test

C(UL) Flame Test: FT4

Other Flame Test: IEEE 1202

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

30.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.9

Max. Operating Voltage - UL:

Voltage

300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5340U1 002A1000	1,000 FT	36.000 LB	RED		1 PR #18 PVC PVC
5340U1 0021000	1,000 FT	33.000 LB	RED	C	1 PR #18 PVC PVC
5340U1 0101000	1,000 FT	33.000 LB	BLACK	C	1 PR #18 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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