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please call

1-800-Belden1



General Description:

Security & Alarm Cable, Plenum-CL2P 4-12 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4 | 12 | 19x25 | BC - Bare Copper |

Total Number of Conductors: 4

Insulation

Insulation Material:

| Insulation Trade Name | Insulation Material | Wall Thickness (mm) |
|-----------------------|---------------------------------------|---------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.254 |

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Trade Name | Outer Jacket Material | Nom. Wall Thickness (mm) |
|-------------------------|---------------------------------------|--------------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.4572 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (mm) |
|-------------|
| 133.349475 |

Overall Cabling Color Code Chart:

| Color |
|-------|
| Black |
| White |
| Red |
| Green |

Overall Nominal Diameter: 7.722 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

Bulk Cable Weight: 157.749 Kg/Km

Max. Recommended Pulling Tension: 1352.250 N

Min. Bend Radius/Minor Axis: 78.740 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL2P

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): 04/01/2005

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

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

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

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL Steiner Tunnel

Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: 5002UE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

127.959

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

5.2496

Max. Operating Voltage - UL:

Voltage

150 V RMS

Max. Recommended Current:

Current

9.6 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|---------|-------|-------------------|
| 6002UE 0101000 | 1,000 FT | 107.000 LB | BLACK | | 4 #12 FLRST FLRST |
| 6002UE 8771000 | 1,000 FT | 107.000 LB | NATURAL | C | 4 #12 FLRST FLRST |

Notes:

C = CRATE REEL PUT-UP.

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6002UE Multi-Conductor - Commercial Applications

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