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please call

1-800-Belden1



General Description:

Security & Alarm Cable, Plenum-CMP 6-22 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 6 | 22 | 7 | BC - Bare Copper |

Total Number of Conductors: 6

Insulation

Insulation Material:

| Insulation Trade Name | Insulation Material | Wall Thickness (mm) |
|-----------------------|---------------------------------------|---------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.203 |

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 | 0.381 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (mm) |
|-------------|
| 69.849725 |

Overall Cabling Color Code Chart:

| Color |
|-------|
| Black |
| Red |
| White |
| Green |
| Brown |
| Blue |

Overall Nominal Diameter: 4.191 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 31.252 Kg/Km

Max. Recommended Pulling Tension: 242.872 N

Min. Bend Radius/Minor Axis: 41.275 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

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

EU CE Mark: Yes

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

METRIC MEASUREMENT VERSION

6504UE Multi-Conductor - Commercial Applications

| | |
|---------------------------------------|------------|
| 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 |
| MIL Order #39 (China RoHS): | Yes |

Flame Test

| | |
|-------------------|----------|
| UL Flame Test: | NFPA 262 |
| C(UL) Flame Test: | FT6 |

Plenum/Non-Plenum

| | |
|--------------------|--------|
| Plenum (Y/N): | Yes |
| Non-Plenum Number: | 5504UE |

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
88.587

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
52.496

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
2 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|---------|-------|-------------------|
| 6504UE 877C500 | 500 FT | 10.500 LB | NATURAL | | 6 #22 FLRST FLRST |
| 6504UE 877U1000 | 1,000 FT | 22.000 LB | NATURAL | | 6 #22 FLRST FLRST |
| 6504UE 877U500 | 500 FT | 12.000 LB | NATURAL | | 6 #22 FLRST FLRST |
| 6504UE 8771000 | 1,000 FT | 22.000 LB | NATURAL | C | 6 #22 FLRST FLRST |
| 6504UE 877500 | 500 FT | 11.500 LB | NATURAL | | 6 #22 FLRST FLRST |

Notes:
C = CRATE REEL PUT-UP.

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