



For more Information
please call

1-800-Belden1



General Description:

Security & Alarm Cable, Plenum-CMP 4-20 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4 | 20 | 7 | BC - Bare Copper |

Total Number of Conductors: 4

Insulation

Insulation Material:

| Insulation Trade Name | Insulation Material | Wall Thickness (in.) |
|-----------------------|---------------------------------------|----------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.008 |

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

| Outer Jacket Trade Name | Outer Jacket Material | Nom. Wall Thickness (in.) |
|-------------------------|---------------------------------------|---------------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | .015 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (in.) |
|--------------|
| 3 |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | White |
| 4 | Green |

Overall Nominal Diameter: 0.156 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -10°C To +75°C

Bulk Cable Weight: 21 lbs/1000 ft.

Max. Recommended Pulling Tension: 50.400 lbs.

Min. Bend Radius/Minor Axis: 1.625 in.

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

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

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

6402UE Multi-Conductor - Commercial Applications

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

Plenum/Non-Plenum

| | |
|--------------------|--------|
| Plenum (Y/N): | Yes |
| Non-Plenum Number: | 5402UE |

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
28.250

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.2

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
3 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|---------|-------|-------------------|
| 6402UE 877U1000 | 1,000 FT | 23.000 LB | NATURAL | | 4 #20 FLRST FLRST |
| 6402UE 8771000 | 1,000 FT | 22.000 LB | NATURAL | C | 4 #20 FLRST FLRST |

Notes:

C = CRATE REEL PUT-UP.

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