



Part Number: 6322UE
Security & Sound, #18-4c, BC, CMP

Product Description

Security & Sound Cable, Plenum-CMP 4-18 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 18 | Solid | BC - Bare Copper | 4 |

| | |
|------------------|--------|
| Conductor Count: | 4 |
| Conductor Size: | 18 AWG |

Insulation

| Material | Material Trade Name | Nominal Wall Thickness |
|---------------------------------------|---------------------|------------------------|
| LS PVC - Low Smoke Polyvinyl Chloride | Flamarrest® | 0.009 in |

Color Chart

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

Outer Shield Material

| Material |
|------------|
| Unshielded |

Outer Jacket Material

| Material | Material Trade Name | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|---------------------------------------|---------------------|------------------|------------------------|---------|
| LS PVC - Low Smoke Polyvinyl Chloride | Flamarrest® | 0.171 in | 0.015 in | Yes |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 6.4 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 29 pF/ft |

Current

| Max. Recommended Current [A] |
|-------------------------------|
| 4 Amps per conductor @ 25°C A |

Voltage

| |
|--------------------------|
| UL Voltage Rating |
| 300 V RMS |

Temperature Range

| | |
|-----------------------|--------------|
| Operating Temp Range: | 0°C To +75°C |
|-----------------------|--------------|

Mechanical Characteristics

| | |
|----------------------------------|-----------------|
| Bulk Cable Weight: | 28.8 lbs/1000ft |
| Max Recommended Pulling Tension: | 78.4 lbs |
| Min Bend Radius/Minor Axis: | 1.7 in |

Standards

| | |
|--------------------------|-----|
| NEC/(UL) Specification: | CMP |
| CEC/C(UL) Specification: | CMP |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|------------------------------------|
| UL Flammability: | NFPA 262 Plenum Flame Test (UL910) |
| CSA Flammability: | FT6 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

Part Number

| | |
|--------------------|--------|
| Non-Plenum Number: | 5322UE |
|--------------------|--------|

Variants

| Item # | Color | UPC |
|-----------------|---------|--------------|
| 6322UE 877U1000 | Natural | 612825175964 |

History

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| Update and Revision: | Revision Number: 0.204 Revision Date: 07-11-2019 |
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