SENDING ALL THE RIGHT SIGNALS

## Product Description

Security \& Sound Cable, Plenum-CMP, 6-18 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

## Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
| :--- | :--- | :---: | :--- |
| 18 | $7 \times 26$ | BC - Bare Copper | 6 |

Insulation

| Material | Material Trade Name | Nominal Wall Thickness |
| :---: | :--- | :--- |
| LS PVC - Low Smoke Polyvinyl Chloride | Flamarrest® | 0.008 in |

Color Chart

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

## Outer Shield Material

## Material

Unshielded

Outer Jacket Material

| Material | Material Trade Name | Nominal Diameter | Nominal Wall Thickness | Ripcord |
| :--- | :--- | :--- | :--- | :--- |
| LS PVC - Low Smoke Polyvinyl <br> Chloride | Flamarrest® | 0.216 in | 0.015 in | Yes |

Electrical Characteristics

Conductor DCR
Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance
Nom. Capacitance Conductor to Conductor
$34 \mathrm{pF} / \mathrm{ft}$

## Current

Max. Recommended Current [A]
Per conductor @ $25^{\circ} \mathrm{C}: 3.5 \mathrm{~A}$

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

Temperature Range
Operating Temp Range: $\quad 0^{\circ} \mathrm{C} \mathrm{To}+75^{\circ} \mathrm{C}$

Mechanical Characteristics

| Bulk Cable Weight: | $43.3 \mathrm{lbs} / 1000 \mathrm{ft}$ |
| :--- | :--- |
| Max Recommended Pulling Tension: | 134.4 lbs |
| Min Bend Radius/Minor Axis: | 2.25 in |

## Standards

| NEC Articles: | 800 |
| :--- | :--- |
| NEC/(UL) Specification: | CMP |
| CEC/C(UL) Specification: | CMP |
| CPR Euroclass: | Eca |

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 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | $2005-04-01$ |
| MII Order \#39 (China RoHS): | Yes |
| Suitability |  |
| Suitability - Indoor: | Yes |

Flammability, LSOH, Toxicity Testing

| UL Flammability: | NFPA 262 Plenum Flame Test (UL910) |
| :--- | :--- |
| CSA Flammability: | FT6 |
| ISO/IEC Flammability: | IEC 60332-1-2 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| Plenum (Y/N): |  |  |  | Y |
| :---: | :---: | :---: | :---: | :---: |
| Part Number |  |  |  |  |
| Non-Plenum Number: 5304UE |  |  |  |  |
| Variants |  |  |  |  |
| Item \# | Color | UPC | Footnote |  |
| 6304UE 8771000 | Natural | 612825175520 | C |  |
| 6304UE 877U500 | Natural | 612825175513 |  |  |
| 6304UE 877500 | Natural | 612825175537 |  |  |
| Footnote: |  |  |  | C - CRATE REEL PUT-UP. |
| History |  |  |  |  |
| Update and Revision: |  |  |  | Revision Number: 0.217 Revision Date: 02-25-2020 |

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