



Product: 6307UE ☑

Security & Sound, #18-9c, BC, CMP

# **Product Description**

Security & Sound Cable, Plenum-CMP 9-18 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

# **Technical Specifications**

## **Product Overview**

| Suitable Applications:      | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls |
|-----------------------------|---|
| Physical Characteristics (0 | Overall)  |

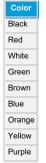
#### Conductor

| AWG   | Stranding   | Material         | No. of Conductors |
|-------|-------------|------------------|-------------------|
| 18    | 7x26        | BC - Bare Copper | 9                 |
| Condu | ctor Count: | 9                |                   |

## Insulation

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

# Color Chart



## Outer Shield



#### **Outer Jacket**

| Material                 | Material Trade Name | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|---------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | Flamarrest®         | 0.262 in         | 0.015 in               | Yes     |

## **Electrical Characteristics**

# Conductor DCR



## Capacitance

Nom. Capacitance Conductor to Conductor

#### Current

# Max. Recommended Current [A] 3.5 Amps per Conductor at 25°C

## Voltage

UL Voltage Rating 300 V RMS

#### **Temperature Range**

| Operating Temperature Ran | je: 0°C To +75°C |  |
|---------------------------|------------------|--|

#### **Mechanical Characteristics**

| Bulk Cable Weight:           | 64.1 lbs/1000ft |
|------------------------------|-----------------|
| Max. Pull Tension:           | 201.6 lbs       |
| Min. Bend Radius/Minor Axis: | 2.6 in          |

#### **Standards**

| NEC/(UL) Compliance:  | CMP |
|-----------------------|-----|
| CEC/C(UL) Compliance: | 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 2): | Yes                           |
| EU Directive 2012/19/EU (WEEE):   | Yes                           |
| EU Directive Compliance:          | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                       | Yes                           |
| MII Order #39 (China RoHS):       | Yes                           |

# Flammability, LS0H, 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 |
|---------------|-----|
| ( ' /         |     |

## **Related Part Numbers**

| Non-Plenum Number: | 5307UE |  |
|--------------------|--------|--|

#### Variants

|   | Item #         | Color   | UPC          |
|---|----------------|---------|--------------|
|   | 6307UE 8771000 | Natural | 612825175612 |
| ĺ | Footnote:      |         | C - CR       |

## History

| Update and Revision: | Revision Number: 0.298 Revision Date: 02-03-2025 |
|----------------------|--|

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