



Product: <u>5322UE</u> ☑

Security & Sound, #18-4c, BC, CMR

# **Product Description**

Security & Sound Cable, Riser-CMR, 4-18 AWG solid bare copper conductors with polyolefin insulation, PVC jacket with ripcord

## **Technical Specifications**

#### **Product Overview**

| Suitable Applications: |              |                  | Security System | ı, Intercom/PA. | Audio/Speaker | , Power-Limited Contro | ol: |   |
|------------------------|--------------|------------------|-----------------|-----------------|---------------|------------------------|-----|---|
| Phys                   |              | acteristics (Ov  | vera            | all)            |               |                        |     |   |
| AWG                    | Stranding    | Material         | No.             | of Conductors   |               |                        |     |   |
| 18                     | Solid        | BC - Bare Copper | 4               |                 |               |                        |     |   |
| Condu                  | ictor Count: |                  |                 | 4               |               |                        |     | - |

## Insulation

| Material           | Nominal Wall Thickness |
|--------------------|------------------------|
| PP - Polypropylene | 0.007 in               |

## Color Chart



## **Outer Shield Material**



## Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.166 in         | 0.017 in               | Yes     |

## **Construction and Dimensions**

#### Cabling



## **Electrical Characteristics**

# Conductor DCR



# Capacitance

# Nom. Capacitance Conductor to Conductor 22 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: | -20°C To +75°C |  |
|-----------------------|----------------|--|
|-----------------------|----------------|--|

#### **Mechanical Characteristics**

| Bulk Cable Weight:               | 28.2 lbs/1000ft |
|----------------------------------|-----------------|
| Max Recommended Pulling Tension: | 78.4 lbs        |
| Min Bend Radius/Minor Axis:      | 1.615 in        |

#### **Standards**

| NEC/(UL) Specification:  | CMR |
|--------------------------|-----|
| CEC/C(UL) Specification: | CMG |

## **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                    |
| MII Order #39 (China RoHS):           | Yes                           |

## Flammability, LS0H, Toxicity Testing

| UL Flammability:   | UL1666 Riser |
|--------------------|--------------|
| CSA Flammability:  | FT4          |
| UL voltage rating: | 300 V RMS    |

## Plenum/Non-Plenum

| Plenum (Y/N):  | No     |
|----------------|--------|
| Plenum Number: | 6322UE |

## **Part Number**

#### Variants

| Item #         | Color | UPC          |
|----------------|-------|--------------|
| 5322UE 0081000 | Gray  | 612825160649 |
|                | ,     |              |
| Footnote:      |       |              |

### **History**

| Upda | ate and Revision: | Revision Number: 0.229 Revision Date: 04-28-2020 |
|------|-------------------|--|

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