

Product: <u>6547UE</u> ☑ Security & Sound, #22-9pr, BC, CMP

Product Description

Security & Sound Cable, Plenum-CMP 9-22 AWG stranded bare copper pairs with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls |
|------------------------|---|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Pairs |
|-------|-------------|------------------|--------------|
| 22 | 7x30 | BC - Bare Copper | 9 |
| Condu | ctor Count: | 18 | |

Insulation

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

Color Chart

| Color |
|----------------|
| Black & Red |
| Black & White |
| Black & Green |
| Black & Blue |
| Black & Yellow |
| Black & Brown |
| Black & Orange |
| Red & White |
| Red & Green |

Outer Shield

Material

No Shield

Outer Jacket

| Material | Material Trade Name | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|-----------------------------|---------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | Flamarrest® | 0.318 in | 0.018 in | Yes |

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR 16.3 Ohm/1000ft

Inductance

Nominal Inductanc

Current

Max. Recommended Current [A]

1.4 Amps per Conductor at 25°C

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

| | l |
|------------------------------|--------------|
| Operating Temperature Range: | 0°C To +75°C |

Mechanical Characteristics

| Bulk Cable Weight: | 64 lbs/1000ft |
|------------------------------|---------------|
| Max. Pull Tension: | 163.8 lbs |
| Min. Bend Radius/Minor Axis: | 3.2 in |

Standards

| NEC/(UL) Compliance: | СМР |
|-----------------------|-----|
| CEC/C(UL) Compliance: | CMP |

Applicable Environmental and Other Programs

| 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 | ۱. | |
|---------|-------|----|--|
| 1 Ionum | (1/14 | /· | |

Related Part Numbers

| Non-Plenum Numl | per: | 5547UE |
|-----------------|---------|--------------|
| Variants | | |
| Item # | Color | UPC |
| 6547UE 8771000 | Natural | 612825178484 |

| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|
| | |

Yes

History

| Update and Revision: | Revision Number: 0.286 Revision Date: 03-27-2024 |
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