



Product: [6202UH](#)

Security & Sound, 4 Conductor 16 AWG, TC, CMP

Product Description

Security & Sound Cable, 4 Conductor 16 AWG stranded (19x29) tinned copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord, Plenum rated.

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits |
|------------------------|--|

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 4 | 16 AWG | 19x29 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------|--------------------------|--------------------|--------------------------|--------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.009 in (0.23 mm) | 0.077 in (2.0 mm) | Black, Red, White, Green |

Outer Shield

| Material |
|-----------|
| No Shield |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.216 in | Yes |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.216 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------------|-------------------------------|------------------------------|
| 4.4 Ohm/1000ft | 36.5 pF/ft (120 pF/m) | 5 Amps per Conductor at 25°C |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 75°C | -20°C To +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 2.16 in (54.9 mm) | 2.16 in |

| | |
|--------------------|-------------------|
| Max. Pull Tension: | 114 lbs (51.7 kg) |
| Bulk Cable Weight: | 45 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor - Plenum, Indoor |
| Flammability / Reaction to Fire: | NFPA 262 (UL 910), FT6 |
| NEC / UL Compliance: | Article 800, CMP |
| CEC / C(UL) Compliance: | CMP |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
| Non-Plenum Number: | 5202UH |

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.54 Revision Date: 11-23-2023 |
|----------------------|---|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|-----------------|---------|------------|----------|--------------|
| 6202UH 8771000 | Natural | Reel | 1,000 ft | 612825174264 |
| 6202UH 877U1000 | Natural | UnReel | 1,000 ft | 612825174677 |

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