

Product: [6401UE](#) 



Security & Sound, 3 Conductor 20 AWG, BC, Unshielded, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP 3-20 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

|                        |                                          |
|------------------------|------------------------------------------|
| Suitable Applications: | Intercom/PA Systems, Sound/Audio Systems |
|------------------------|------------------------------------------|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material         | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 20  | 7x28      | BC - Bare Copper | 3                 |

|                  |   |
|------------------|---|
| Conductor Count: | 3 |
|------------------|---|

Insulation

| Material                                | Material Trade Name | Nominal Wall Thickness |
|-----------------------------------------|---------------------|------------------------|
| PVC-LS - Polyvinyl Chloride (Low Smoke) | Flamarrest®         | 0.009 in               |

Color Chart

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | Red   |
| 3      | White |

Outer Shield Material

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

Outer Jacket Material

| Material                                | Material Trade Name | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|-----------------------------------------|---------------------|------------------|------------------------|---------|
| PVC-LS - Polyvinyl Chloride (Low Smoke) | Flamarrest®         | 0.146 in         | 0.015 in               | Yes     |

Construction and Dimensions

Cabling

| Twists       |
|--------------|
| 4.4 twist/ft |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 10.2 Ohm/1000ft       |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|-----------------------------------------|
| 27 pF/ft                                |

Current

| Max. Recommended Current [A]   |
|--------------------------------|
| 3.75 Amps per conductor @ 25°C |

Voltage

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

Temperature Range

|                       |              |
|-----------------------|--------------|
| UL Temp Rating:       | 75°C         |
| Operating Temp Range: | 0°C To +75°C |

Mechanical Characteristics

|                                  |                 |
|----------------------------------|-----------------|
| Bulk Cable Weight:               | 16.4 lbs/1000ft |
| Max Recommended Pulling Tension: | 37.8 lbs        |
| Min Bend Radius/Minor Axis:      | 1.5 in          |

Standards

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

Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| Environmental Space:                  | Indoor - Plenum               |
| 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, LSOH, Toxicity Testing

|                     |           |
|---------------------|-----------|
| C(UL) Flammability: | FT6       |
| UL Flammability:    | NFPA 262  |
| UL voltage rating:  | 300 V RMS |

Plenum/Non-Plenum

|               |     |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

Part Number

|                    |        |
|--------------------|--------|
| Non-Plenum Number: | 5401UE |
|--------------------|--------|

Variants

| Item #          | Color   | Putup Type | Length   | UPC          |
|-----------------|---------|------------|----------|--------------|
| 6401UE 8771000  | Natural | Reel       | 1,000 ft | 612825176718 |
| 6401UE 877U1000 | Natural | UnReel     | 1,000 ft | 612825176725 |
| 6401UE 8775000  | Natural | Reel       | 5,000 ft | 612825176695 |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.262 Revision Date: 04-28-2020 |
|----------------------|--------------------------------------------------|

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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.