



Product: [82444](#)

Electronic, 4 C #22 Str TC, FEP Ins, PVC Jkt, CMP

Request Sample

### Product Description

Electronic Cable, 4 Conductor 22AWG (7x30) Tinned Copper, FEP Insulation, PVC Outer Jacket, CMP

### Technical Specifications

#### Product Overview

|                        |   |
|------------------------|---|
| Suitable Applications: | indoor plenum applications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; voice communications; panel wiring |
|------------------------|---|

#### Construction Details

##### Conductor

| Element      | No. of Elements | Size | Stranding | Material           |
|--------------|-----------------|------|-----------|--------------------|
| Conductor(s) | 4               | 22   | 7x30      | TC - Tinned Copper |

##### Insulation

| Material                             | Nom. Thickness      | Nom. Insulation Diameter | Color Code               |
|--------------------------------------|---------------------|--------------------------|--------------------------|
| FEP - Fluorinated Ethylene Propylene | 0.0065 in (0.17 mm) | 0.042 in (1.1 mm)        | Black, White, Red, Green |

##### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.134 in (3.40 mm) |

#### Electrical Characteristics

##### Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current   |
|--------------------|-------------------------------|--|
| 15 Ohm/1000ft      | 18 pF/ft (59 pF/m)            | 3.3 Amps per Conductor at 25°C (10°C Temperature Rise) |

##### Voltage

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

#### Mechanical Characteristics

##### Temperature

| Operating    |
|--------------|
| 0°C To +60°C |

##### Bend Radius

| Stationary Min.   | Installation Min. |
|-------------------|-------------------|
| 1.34 in (34.0 mm) | 1.34 in (34.0 mm) |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 36 lbs (16 kg) |
| Bulk Cable Weight: | 15 lbs/1000ft  |

#### Standards and Compliance

|                            |         |
|----------------------------|---------|
| Environmental Suitability: | Outdoor |
|----------------------------|---------|

|                                  |   |
|----------------------------------|---|
| Flammability / Reaction to Fire: | NFPA 262, FT6   |
| CPR Compliance:                  | CPR Euroclass: Eca  |
| NEC / UL Compliance:             | Article 800, CMP  |
| CEC / C(UL) Compliance:          | CMP   |
| European Directive Compliance:   | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance:        | UKCA Mark   |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)   |
| Non-Plenum Number:               | 8444  |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.491 Revision Date: 01-20-2023 |
|----------------------|--|

## Part Numbers

### Variants

| Item #         | Color   | Putup Type | Length   | UPC          | Footnote |
|----------------|---------|------------|----------|--------------|----------|
| 82444 877U500  | Natural | UnReel     | 500 ft   | 612825197102 |          |
| 82444 8771000  | Natural | Reel       | 1,000 ft | 612825197119 | C        |
| 82444 877U1000 | Natural | UnReel     | 1,000 ft | 612825197096 |          |

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