



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 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 22  | 7x30      | TC - Tinned Copper | 4                 |

|                  |   |
|------------------|---|
| Conductor Count: | 4 |
|------------------|---|

Insulation

| Material                             | Nominal Wall Thickness |
|--------------------------------------|------------------------|
| FEP - Fluorinated Ethylene Propylene | 0.0065 in              |

Color Chart

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | White |
| 3      | Red   |
| 4      | Green |

Outer Shield Material

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

Outer Jacket Material

| Material                                | Material Trade Name | Nominal Diameter | Nominal Wall Thickness |
|-----------------------------------------|---------------------|------------------|------------------------|
| PVC-LS - Polyvinyl Chloride (Low Smoke) | Flamarrest®         | 0.134 in         | 0.015 in               |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | Nominal Conductor Loop DCR |
|-----------------------|----------------------------|
| 15 Ohm/1000ft         | 30 Ohm/1000ft              |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|-----------------------------------------|
| 18 pF/ft                                |

Current

| Max. Recommended Current [A]                           |
|--------------------------------------------------------|
| 3.3 Amps per Conductor at 25°C (10°C Temperature Rise) |

Voltage

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

Temperature Range

|                       |              |
|-----------------------|--------------|
| Operating Temp Range: | 0°C To +60°C |
|-----------------------|--------------|

Mechanical Characteristics

|                             |               |
|-----------------------------|---------------|
| Bulk Cable Weight:          | 15 lbs/1000ft |
| Max. Pull Tension:          | 36 lbs        |
| Min Bend Radius/Minor Axis: | 1.5 in        |

Standards

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

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 2015/863/EU:             | 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:   | NFPA 262  |
| CSA Flammability:  | FT6       |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

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

Part Number

|                    |      |
|--------------------|------|
| Non-Plenum Number: | 8444 |
|--------------------|------|

Variants

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

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

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.296 Revision Date: 06-08-2020 |
|----------------------|--------------------------------------------------|

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