



Product: [9794](#)

Electronic, 4 C #22 Sol BC, PO Ins, PVC Jkt, CM

Request Sample

Product Description

Electronic, 4 Conductor 22AWG (Solid) Bare Copper, PO Insulation, PVC Outer Jacket, CM

Technical Specifications

Product Overview

|                        |                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Suitable 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               | Solid     | BC - Bare Copper | 4                 |
| Conductor Count: |           | 4                |                   |

| Insulation        |                        |
|-------------------|------------------------|
| Material          | Nominal Wall Thickness |
| PE - Polyethylene | 0.018 in               |

Color Chart

| Color  |
|--------|
| Green  |
| Red    |
| Yellow |
| Black  |

Outer Shield

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

| Outer Jacket             |                  |                        |
|--------------------------|------------------|------------------------|
| Material                 | Nominal Diameter | Nominal Wall Thickness |
| PVC - Polyvinyl Chloride | 0.2 in           | 0.025 in               |

Electrical Characteristics

| Conductor DCR         |  |
|-----------------------|--|
| Nominal Conductor DCR |  |
| 16 Ohm/1000ft         |  |

| Capacitance                             |  |
|-----------------------------------------|--|
| Nom. Capacitance Conductor to Conductor |  |
| 16 pF/ft                                |  |

| Inductance         |  |
|--------------------|--|
| Nominal Inductance |  |
| 0.22 µH/ft         |  |

Delay

| Max. Delay Skew | Nominal Velocity of Propagation (VP) [%] |
|-----------------|------------------------------------------|
| 66 ns/100m      | 66%                                      |

Current

| Max. Recommended Current [A]   |
|--------------------------------|
| 2.4 Amps per Conductor at 25°C |

Voltage

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

Temperature Range

|                       |                          |
|-----------------------|--------------------------|
| UL Temp Rating:       | 60°C (UL AWM Style 2094) |
| Operating Temp Range: | -30°C To +60°C           |

Mechanical Characteristics

|                              |                 |
|------------------------------|-----------------|
| Bulk Cable Weight:           | 24.8 lbs/1000ft |
| Max. Pull Tension:           | 31 lbs          |
| Min. Bend Radius/Minor Axis: | 2 in            |

Standards

|                          |                            |
|--------------------------|----------------------------|
| NEC/(UL) Compliance:     | CM                         |
| UL AWM Style Compliance: | UL Style 2094 (300 V 60°C) |
| CPR Euroclass:           | Eca                        |

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 2): | Yes                           |
| EU Directive 2012/19/EU (WEEE):   | Yes                           |
| 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:   | UL1685 UL Loading |
| IEC Flammability:  | IEC 60332-1-2     |
| UL voltage rating: | 300 V RMS         |

Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item #       | Color      | UPC          |
|--------------|------------|--------------|
| 9794 6065000 | Gray, Rose | 612825258704 |
| 9794 6061000 | Rose Gray  | 612825258698 |

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

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.358 Revision Date: 08-27-2021 |
|----------------------|--------------------------------------------------|

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