



Product: [9464](#)

Electronic, 2 C #20 Str TC, PO Ins, OS, PVC Jkt, CM

[Request Sample](#)

Product Description

Electronic, 2 Conductor 20AWG (7x28) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

Technical Specifications

Product Overview

|                        |  |
|------------------------|--|
| Suitable Applications: | for use with automatic stripping equipments; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring |
|------------------------|--|

Construction Details

Conductor

| Element      | No. of Elements | Size | Stranding | Material           |
|--------------|-----------------|------|-----------|--------------------|
| Conductor(s) | 2               | 20   | 7x28      | TC - Tinned Copper |

Insulation

| Material          | Nom. Thickness     | Nom. Insulation Diameter | Color Code   |
|-------------------|--------------------|--------------------------|--------------|
| PE - Polyethylene | 0.016 in (0.41 mm) | 0.70 in (18 mm)          | Black, White |

Outer Shield

| Shield Type | Material                | Coverage | Drainwire Type   |
|-------------|-------------------------|----------|------------------|
| Tape        | Bi-Laminate (Alum+Poly) | 100%     | 20 AWG (7x28) TC |

Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.035 in (0.89 mm) | 0.214 in (5.44 mm) |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedence | Max. Current                   |
|--------------------|-------------------------------|---|-------------------------------|--------------------------------|
| 11.1 Ohm/1000ft    | 27 pF/ft (89 pF/m)            | 49 pF/ft (160 pF/m)                             | 56 Ohm                        | 3.9 Amps per Conductor at 20°C |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 60°C           | -20°C To +60°C |

Bend Radius

| Stationary Min.   | Installation Min. |
|-------------------|-------------------|
| 2.14 in (54.4 mm) | 2.14 in (54.4 mm) |

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 31.2 lbs (14.2 kg) |
|--------------------|--------------------|

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 30 lbs/1000ft |
|--------------------|---------------|

Standards and Compliance

|                                  |  |
|----------------------------------|--|
| Environmental Suitability:       | Indoor, Outdoor  |
| Flammability / Reaction to Fire: | UL1685 UL Loading  |
| CPR Compliance:                  | CPR Euroclass: Eca   |
| NEC / UL Compliance:             | Article 800, CM  |
| AWM Compliance:                  | AWM 2092   |
| CEC / C(UL) Compliance:          | CM   |
| European Directive Compliance:   | EU CE Mark, 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)  |

Product Notes

|        |   |
|--------|---|
| Notes: | The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is on the inside of foil shield. |
|--------|---|

History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.519 Revision Date: 02-15-2024 |
|----------------------|--|

Part Numbers

Variants

| Item #        | Color  | UPC          |
|---------------|--------|--------------|
| 9464 060U1000 | Chrome | 612825253723 |
| 9464 060U500  | Chrome | 612825253730 |

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