



Product: [8790](#)

Line Level Audio Cable, 1 Pr #18 Str TC, 85% TC Spiral Serve, PVC Jkt, CMG



REPRESENTATIVE IMAGE

Product Description

Line Level Audio Cable, 1 Pair 18 AWG (7 x 26) Tinned Copper PVC insulation, 85% Tinned Copper Spiral Serve/Screen, PVC Jacket, CMG

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Line level audio; Low voltage analog signals and control |
|------------------------|--|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|---------|-------------------|--------|-----------|--------------------|
| Pair(s) | 1 | 18 AWG | 7x26 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------------|--------------------|--------------------------|-------------|
| Pair(s) | PVC - Polyvinyl Chloride | 0.022 in (0.56 mm) | 0.090 in (2.3 mm) | Red & White |

Outer Shield

| Shield Type | Material | Coverage |
|-----------------------|--------------------|----------|
| Spiral Serve / Screen | Tinned Copper (TC) | 85% |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.028 in (0.71 mm) | 0.241 in (6.12 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.241 in (6.12 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedance | Nom. Velocity of Prop. | Max. Current |
|---------|--------------------|-------------------------------|---|-------------------------------|------------------------|-----------------------------|
| Pair(s) | 7.2 Ohm/1000ft | 53 pF/ft (170 pF/m) | 92 pF/ft (300 pF/m) | 41 Ohm | 65% | 8 Amps per conductor @ 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V (CMG) |

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.4 in (61 mm) | 2.4 in (61 mm) |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 45 lbs (20 kg) |
| Bulk Cable Weight: | 31 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor (Not Riser or Plenum), Indoor |
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading, FT4, IEEE 1202, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CMG |
| CEC / C(UL) Compliance: | CMG |
| 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) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.456 Revision Date: 01-20-2023 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|---------------|--------|------------|----------|--------------|
| 8790 060500 | Chrome | Reel | 500 ft | 612825216469 |
| 8790 060U500 | Chrome | UnReel | 500 ft | 612825216568 |
| 8790 0601000 | Chrome | Reel | 1,000 ft | 612825216452 |
| 8790 060U1000 | Chrome | UnReel | 1,000 ft | 612825216438 |
| 8790 0605000 | Chrome | Reel | 5,000 ft | 612825216421 |

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