


Product: [1508A](#) 



Audio Cable, #24-2c, TC, O/A Foil, CM

Product Description

Audio Cable, CM-Rated, 1-24 AWG stranded tinned copper pair with polyolefin insulation, Beldfoil® shield, drain, PVC jacket

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 | Number of Element | Size | Stranding | Material |
|---------|-------------------|--------|-----------|--------------------|
| Pair(s) | 1 | 24 AWG | 7x32 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------|--------------------|--------------------------|-------------|
| Pair(s) | PP - Polypropylene | 0.008 in (0.20 mm) | 0.04 in mm | Black & Red |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|------------------------------|----------|------------------|
| Tape | Tri-Laminate (Alum+Poly+PVC) | 100% | 24 AWG (7x32) TC |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|---------------|
| PVC - Polyvinyl Chloride | 0.024 in (0.61 mm) | 0.131 in |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.131 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedence | Nom. Velocity of Prop. | Max. Current |
|--------------------|-------------------------------|---|-------------------------------|------------------------|--------------------------------|
| 28.3 Ohm/1000ft | 31 pF/ft (100 pF/m) | 58 pF/ft (190 pF/m) | 50 Ohm | 66% | 3.3 Amps per Conductor at 25°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. |
|-----------------|-------------------|
| | |

| | |
|-------------------|---------|
| 1.31 in (33.3 mm) | 1.31 in |
|-------------------|---------|

| | |
|--------------------|---------------|
| Max. Pull Tension: | 16.5 lbs |
| Bulk Cable Weight: | 11 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor (Not Riser or Plenum), Indoor |
| Flammability / Reaction to Fire: | UL 1685 UL Loading, Vertical Tray, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CM |
| CEC / C(UL) Compliance: | CM |
| 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) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

Product Notes

| | |
|--------|---|
| Notes: | Jacket and shield are bonded so both can be removed with automatic stripping equipment. |
|--------|---|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.336 Revision Date: 12-23-2021 |
|----------------------|--|

Variants

| Item # | Color | Putup Type | Length | UPC |
|---------------|--------------|------------|----------|--------------|
| 1508A B59500 | Black, Matte | Reel | 500 ft | 612825116721 |
| 1508A B591000 | Black, Matte | Reel | 1,000 ft | 612825116714 |

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