



Product: [8767](#)

Audio, Control & Instrument, #22-3pr, PVC, Indv. Foil, PVC Jkt, CMG

Product Description

Audio, Control & Instrument Cable, 22 AWG solid conductors, PVC insulation, tinned copper, twisted pairs, individually shielded with Beldfoil® (100% coverage), 22 AWG solid tinned copper drain wire, overall PVC jacket.

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | 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) | 3 | 22 AWG | Solid | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------------|--------------------|--------------------------|---|
| Pair(s) | PVC - Polyvinyl Chloride | 0.013 in (0.33 mm) | 0.052 in (1.3 mm) | Black & Red, Black & White, Black & Green |

Inner Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|-------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 22 AWG (Solid) TC |

Outer Shield

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

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|---------------|
| PVC - Polyvinyl Chloride | 0.037 in (0.94 mm) | 0.279 in |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.279 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Inner Shield DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Max. Current |
|--------------------|-------------------------------|-------------------------------|---|--------------------------------|
| 20.6 Ohm/1000ft | 13.2 Ohm/1000ft (43.3 Ohm/km) | 40 pF/ft (130 pF/m) | 77 pF/ft (250 pF/m) | 4.2 Amps per Conductor at 30°C |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 80°C | -20°C to +80°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 2.79 in (70.9 mm) | 2.79 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 54.6 lbs (24.8 kg) |
| Bulk Cable Weight: | 42 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | UL1685 FT4 Loading, FT4 |
| NEC / UL Compliance: | Article 800, CMG, MPG |
| AWM Compliance: | AWM 2464 |
| CEC / C(UL) Compliance: | CMG, MPG |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.337 Revision Date: 05-05-2023 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|--------|------------|----------|--------------|
| 8767 060500 | Chrome | Reel | 500 ft | 612825215493 |
| 8767 060U500 | Chrome | UnReel | 500 ft | 612825215479 |
| 8767 0601000 | Chrome | Reel | 1,000 ft | 612825215486 |

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