



Product: [8764](#)

Audio, Control & Instrument, #22-9pr, 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 | No. of Elements | Size | Stranding | Material |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 9 | 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, Black & Blue, Black & Yellow, Black & Brown, Black & Orange, Red & White, Red & Green |

Inner Shield

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

Outer Shield

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

Outer Jacket

| Separator | Material | Nom. Thickness | Nom. Diameter | Ripcord |
|-----------|--------------------------|------------------|---------------|---------|
| Tape | PVC - Polyvinyl Chloride | 0.04 in (1.0 mm) | 0.425 in | Yes |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.425 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 |
|--------------------|-------------------------------|-------------------------------|---|---------------------------------|
| 18.54 Ohm/1000ft | 0.16 Ohm/1000ft (0.52 Ohm/km) | 40 pF/ft (130 pF/m) | 77 pF/ft (250 pF/m) | 2.03 Amps per Conductor at 25°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. |
|------------------|-------------------|
| 4.25 in (108 mm) | 4.25 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 89.7 lbs (40.7 kg) |
| Bulk Cable Weight: | 112 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CMG |
| AWM Compliance: | AWM 2464 |
| CEC / C(UL) Compliance: | CMG |
| 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) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.330 Revision Date: 12-22-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|--------------|--------|------------|----------|--------------|----------|
| 8764 0601000 | Chrome | Reel | 1,000 ft | 612825215455 | C |

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