



Part Number: 9445

Audio, Control and Instrumentation Cable

Product Description

20 AWG stranded (7x28) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| AWG | Stranding | Material | No. of Conductors |
|-----------------------------|-----------|--------------------|-------------------|
| 20 | 7x28 | TC - Tinned Copper | 5 |
| Total Number of Conductors: | | | 5 |

Insulation:

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.015 in |

Color Chart 1:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |
| 5 | Brown |

Outershield 1:

| Material |
|------------|
| Unshielded |

Outerjacket 1:

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.239 mm | 0.032 mm |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 10.7 Ohm/km |

Capacitance:

| Nom. Capacitance Conductor to Conductor |
|---|
| 27 pF/m |

Current:

| Max. Recommended Current [A] |
|-------------------------------|
| 3.2 Amps per conductor @ 25°C |

Voltage:

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

Use

| | |
|----------------------------------|--------|
| Max Recommended Pulling Tension: | 62 lbs |
|----------------------------------|--------|

Safety

| | |
|-------------------|--------------------|
| CSA Flammability: | FT4 |
| UL Flammability: | UL1685 FT4 Loading |

Temperature Range

| | |
|-----------------------|--------------------------|
| Operating Temp Range: | -20°C To +80°C |
| UL Temp Rating: | 80°C (UL AWM Style 2464) |

Mechanical Characteristics

| | |
|-----------------------------|--------|
| Min Bend Radius/Minor Axis: | 2.5 in |
|-----------------------------|--------|

Part Number

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Standards

| | |
|-----------------------------------|-------------------------------|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| CEC/C(UL) Specification: | CMG |
| MII Order #39 (China RoHS): | Yes |
| NEC/(UL) Specification: | CMG |
| UL AWM Style: | UL Style 2464 (300V 80°C) |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |

History

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