



Part Number: 9721

Audio, Control and Instrumentation Cable

Product Description

16 AWG stranded (19x29) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| AWG | Stranding | Material | No. of Conductors |
|------------------------------------|-----------|--------------------|-------------------|
| 16 | 19x29 | TC - Tinned Copper | 8 |
| Total Number of Conductors: | | | 8 |

Insulation:

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.031 in |

Color Chart 1:

| Number | Color |
|--------|-------------|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |
| 5 | Orange |
| 6 | Blue |
| 7 | White/Black |
| 8 | Red/Black |

Outershield 1:

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

Outerjacket 1:

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.49 mm | 0.045 mm |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 4.4 Ohm/km |

Capacitance:

| Nom. Capacitance Conductor to Conductor |
|---|
| 19.5 pF/m |

Current:

| Max. Recommended Current [A] |
|------------------------------|
| 5 Amps per conductor @ 25°C |

Voltage:

| Non-UL Voltage Rating |
|-----------------------|
| 600V RMS |

Use

| | |
|----------------------------------|---------|
| Max Recommended Pulling Tension: | 243 lbs |
|----------------------------------|---------|

Safety

| | |
|---------------------|-----------|
| Other Flammability: | VW-1, FT1 |
|---------------------|-----------|

Temperature Range

| | |
|-----------------------|----------------|
| Operating Temp Range: | -20°C To +80°C |
|-----------------------|----------------|

| | |
|-----------------|------|
| UL Temp Rating: | 80°C |
|-----------------|------|

Mechanical Characteristics

| | |
|-----------------------------|------|
| Min Bend Radius/Minor Axis: | 5 in |
|-----------------------------|------|

Part Number

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

Standards

| | |
|-----------------------------------|-------------------------------|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |

History

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