Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





9721 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information please call

1-800-Belden1



Description:

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

8

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 8 | 16 | 19x29 | TC - Tinned Copper |

Total Number of Conductors:

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) | | |
|--------------------------|---------------------|--|--|
| PVC - Polyvinyl Chloride | 0.7874 | | |

Outer Shield

Outer Shield Material:

| Outer Shiel | d Material |
|-------------|------------|
| Unshielded | |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) | | |
|--------------------------|--------------------------|--|--|
| PVC - Polyvinyl Chloride | 1.143 | | |

Overall Cable

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 12.598 mm

Mechanical Characteristics (Overall)

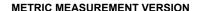
| Operating Temperature Range: | -20°C To +80°C |
|-----------------------------------|----------------|
| UL Temperature Rating: | 80°C |
| Bulk Cable Weight: | 218.765 Kg/Km |
| Max. Recommended Pulling Tension: | 1080.913 N |
| Min. Bend Radius/Minor Axis: | 127 mm |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

Page 1 of 2 09-04-2012

Detailed Specifications & Technical Data





9721 Multi-Conductor - Audio, Control and Instrumentation Cable

| EU CE Mark: | Yes |
|---------------------------------------|------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 10/01/2005 |
| EU Directive 2002/96/EC (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |
| Flame Test | |
| Other Flame Test: | VW-1, FT1 |
| Plenum/Non-Plenum | |
| Plenum (Y/N): | No |

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 63.9795

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 14.4364

Max. Operating Voltage - Non-UL:

Voltage 600 V RMS

Max. Recommended Current:

Current 5 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|--------|-------------|--------|-------|---------------------|
| 9721 060100 | 30 MT | 7.348 KG | CHROME | С | 8 #16 STR PVC FRPVC |
| 9721 0601000 | 305 MT | 75.297 KG | | С | 8 #16 STR PVC FRPVC |
| 9721 060500 | 152 MT | 36.741 KG | CHROME | С | 8 #16 STR PVC FRPVC |

Notes:

C = CRATE REEL PUT-UP.

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