

8471 Multi-Conductor - High-Conductivity Copper Speaker Cable Twisted Jacketed Con



For more Information
please call

1-800-Belden1



General Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1 | 16 | 19x29 | TC - Tinned Copper |

Total Number of Conductors: 2

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .023 |

Inner Shield

Inner Shield Material:

| Inner Shield Material |
|-----------------------|
| Unshielded |

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .032 |

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (in.) | Direction | Twists (twist/ft) |
|--------------|-----------|-------------------|
| 2.000 | Left Hand | 6.000 |

Overall Nominal Diameter: 0.274 in.

Pair

Pair Color Code Chart:

| Number | Color |
|--------|---------------|
| 1 | Black & White |

Mechanical Characteristics (Overall)

| | |
|-----------------------------------|--------------------------|
| Operating Temperature Range: | -20°C To +80°C |
| Non-UL Temperature Rating: | 60°C (UL AWM Style 2598) |
| Bulk Cable Weight: | 36 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 61 lbs. |
| Min. Bend Radius/Minor Axis: | 2.750 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|------------------------------------|----------------------------|
| NEC(UL) Specification: | CL3, CMG |
| NEC Articles: | 800, 725 |
| CEC/C(UL) Specification: | CMG |
| AWM Specification: | UL Style 2598 (300 V 60°C) |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU CE Mark: | Yes |

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| | |
|---------------------------------------|------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |
| EU Directive 2002/96/EC (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MIL Order #39 (China RoHS): | Yes |

Flame Test

| | |
|-----------------|--------------------|
| UL Flame Test: | UL1685 FT4 Loading |
| CSA Flame Test: | FT4 |

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

0.190

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

33

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.49

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

| Description | Current |
|----------------------|---------------------------------------|
| 10C temperature rise | 6.1 Amps per conductor @ 25°C ambient |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|--------|-------|--------------------|
| 8471 060U1000 | 1,000 FT | 38.000 LB | CHROME | | 1 PR #16 PVC FRPVC |
| 8471 060U500 | 500 FT | 19.500 LB | CHROME | | 1 PR #16 PVC FRPVC |
| 8471 0601000 | 1,000 FT | 40.000 LB | CHROME | C | 1 PR #16 PVC FRPVC |
| 8471 060500 | 500 FT | 20.000 LB | CHROME | C | 1 PR #16 PVC FRPVC |
| 8471 0605000 | 5,000 FT | 195.000 LB | CHROME | | 1 PR #16 PVC FRPVC |
| 8471NH 010500 | 500 FT | 13.000 LB | BLACK | C | 2 #16 PO NHRPO_ |

Notes:

C = CRATE REEL PUT-UP.

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