

## 8473 Multi-Conductor - High-Conductivity Copper Speaker Cable Twisted Jacketed Con



For more Information  
please call

1-800-Belden1



### Description:

14 AWG stranded (42x30) tinned copper conductors, PVC insulation, twisted pair, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1       | 14  | 42x30     | TC - Tinned Copper |

Total Number of Conductors: 2

#### Insulation

##### Insulation Material:

| Insulation Material      | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | 0.032                |

Insulation Resistance: 1000 Megohms/1000 ft. @ 500 VDC

#### 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 Nominal Diameter: 0.340 in.

#### Pair

##### Pair Color Code Chart:

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

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +90°C

Non-UL Temperature Rating: 90°C (UL AWM Style 2587)

Bulk Cable Weight: 54 lbs/1000 ft.

Max. Recommended Pulling Tension: 94 lbs.

Min. Bend Radius/Minor Axis: 3.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL3

AWM Specification: UL Style 2587 (600 V 90°C)

CSA Specification: FAS90

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|                                       |            |
|---------------------------------------|------------|
| 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): | 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        |
| MII Order #39 (China RoHS):           | Yes        |

### Flame Test

|                 |                   |
|-----------------|-------------------|
| UL Flame Test:  | UL1685 UL Loading |
| CSA Flame Test: | FT1               |

### Plenum/Non-Plenum

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

## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance (µH/ft)

0.19

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

22.000

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.86

### Max. Operating Voltage - UL:

| Voltage   | Description       |
|-----------|-------------------|
| 600 V RMS | UL AWM Style 2587 |
| 300 V RMS | CL3               |

### Max. Recommended Current:

Current

9.6 Amps per conductor @ 25°C (10°C rise in temp)

## Notes (Overall)

**Notes:** Nominal Breakdown Voltage - Jacket 20 KV RMS; Nominal Breakdown Voltage Between Conductors 25 KV RMS. See NEC guidelines for applicable CL3 voltage ratings.

## Put Ups and Colors:

| Item #       | Putup    | Ship Weight | Color  | Notes | Item Desc        |
|--------------|----------|-------------|--------|-------|------------------|
| 8473 060U500 | 500 FT   | 29.000 LB   | CHROME |       | 1 PR #14 PVC PVC |
| 8473 0601000 | 1,000 FT | 58.000 LB   | CHROME | C     | 1 PR #14 PVC PVC |
| 8473 060500  | 500 FT   | 30.500 LB   | CHROME | C     | 1 PR #14 PVC PVC |

### Notes:

C = CRATE REEL PUT-UP.

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