

## 8470 Multi-Conductor - High-Conductivity Copper Speaker Cable Open Twisted Const

For more Information  
please call

1-800-Belden1

**General Description:**

16 AWG stranded (19x29) ETP high-conductivity tinned copper conductors, PVC insulation, cabled.

**Physical Characteristics (Overall)****Conductor**

AWG:

| # Conductors | AWG | Stranding | Conductor Material                   |
|--------------|-----|-----------|--------------------------------------|
| 2            | 16  | 19x29     | High Conductivity TC - Tinned Copper |

Total Number of Conductors: 2

**Insulation**

Insulation Material:

| Insulation Material      | Dia. (in.) |
|--------------------------|------------|
| PVC - Polyvinyl Chloride | 0.105      |

**Outer Shield**

Outer Shield Material:

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

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Material |
|-----------------------|
| Unjacketed            |

**Overall Cable**

Overall Nominal Diameter: 0.210 in.

**Mechanical Characteristics (Overall)**

|                                   |                          |
|-----------------------------------|--------------------------|
| Operating Temperature Range:      | -30°C To +80°C           |
| UL Temperature Rating:            | 80°C (UL AWM Style 1007) |
| Bulk Cable Weight:                | 24 lbs/1000 ft.          |
| Max. Recommended Pulling Tension: | 94 lbs.                  |
| Min. Bend Radius/Minor Axis:      | 2.250 in.                |

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

|                                       |                            |
|---------------------------------------|----------------------------|
| AWM Specification:                    | UL Style 1007 (300 V 80°C) |
| EU Directive 2011/65/EU (ROHS II):    | Yes                        |
| 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                        |
| MIL Order #39 (China RoHS):           | Yes                        |

**Flame Test**

UL Flame Test: VW-1

**Plenum/Non-Plenum**

Plenum (Y/N): No

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## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (µH/ft)

.19

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.8

## Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 1007)

## Max. Recommended Current:

Current

7.1 Amps per conductor @ 25°C

## Put Ups and Colors:

| Item #        | Putup    | Ship Weight | Color         | Notes | Item Desc       |
|---------------|----------|-------------|---------------|-------|-----------------|
| 8470 063U1000 | 1,000 FT | 26.000 LB   | BLACK & WHITE |       | TW PR BLK & WHT |
| 8470 0631000  | 1,000 FT | 26.000 LB   | BLACK & WHITE | C     | TW PR BLK & WHT |
| 8470 063500   | 500 FT   | 13.000 LB   | BLACK & WHITE |       | TW PR BLK & WHT |

## Notes:

C = CRATE REEL PUT-UP.

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