

**8461NH Multi-Conductor - GreenChoice High-Conductivity Copper Speaker Cable Twisted Jacket Con**

For more Information  
please call

1-800-Belden1

**General Description:**

18 AWG stranded (7x26) tinned copper conductors, PP insulation, twisted pair, LSZH jacket.

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

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1       | 18  | 7x26      | TC - Tinned Copper |

Total Number of Conductors:

2

**Insulation**

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------|----------------------|
| PP - Polypropylene  | 0.016                |

**Outer Shield**

Outer Shield Material:

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

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Material         | Nom. Wall Thickness (in.) |
|-------------------------------|---------------------------|
| LSZH - Low Smoke Zero Halogen | 0.027                     |

**Overall Cable**

Overall Nominal Diameter:

0.210 in.

**Pair**

Pair Color Code Chart:

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

**Mechanical Characteristics (Overall)**

|                                   |                 |
|-----------------------------------|-----------------|
| Operating Temperature Range:      | -20°C To +75°C  |
| UL Temperature Rating:            | 75°C            |
| Bulk Cable Weight:                | 21 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 45 lbs.         |
| Min. Bend Radius/Minor Axis:      | 2.125 in.       |

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

|                                       |            |
|---------------------------------------|------------|
| NEC/(UL) Specification:               | CMG        |
| CEC/C(UL) Specification:              | CMG        |
| 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): | 05/07/2012 |
| 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        |

## ENGLISH MEASUREMENT VERSION

**8461NH Multi-Conductor - GreenChoice High-Conductivity Copper Speaker Cable Twisted Jacket Con****Flame Test**

UL Flame Test: UL1685 FT4 Loading

C(UL) Flame Test: FT4

**Suitability**

Suitability - Indoor: Yes

Non-halogenated: Yes

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Conductor:****Capacitance (pF/ft)**

15.500

**Nom. Conductor DC Resistance:****DCR @ 20°C (Ohm/1000 ft)**

5.86

**Max. Operating Voltage - UL:****Voltage**

300 V RMS

**Max. Recommended Current:****Current**

4.8 Amps per conductor @ 20°C

**Put Ups and Colors:**

| Item #         | Putup    | Ship Weight | Color  | Notes | Item Desc             |
|----------------|----------|-------------|--------|-------|-----------------------|
| 8461NH 0101000 | 1,000 FT | 24.000 LB   | BLACK  |       | 2 #18 PO NHFRPO       |
| 8461NH 010500  | 500 FT   | 12.000 LB   | BLACK  |       | 2 #18 PO NHFRPO       |
| 8761NH 060500  | 500 FT   | 9.000 LB    | CHROME |       | 1 FS PR #22 PO FRNHPO |

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