

## 8489NH Multi-Conductor - GreenChoice Multi Conductor



For more Information  
please call

1-800-Belden1

**General Description:**

18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PP insulation, LSZH jacket.

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

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4            | 18  | 19x30     | TC - Tinned Copper |

Total Number of Conductors:

4

**Insulation**

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------|----------------------|
| PP - Polypropylene  | 0.015                |

**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 | 0.032                     |

**Overall Cable**

Overall Cabling Lay Length & Direction:

| Length (in.) | Twists (twist/ft) |
|--------------|-------------------|
| 2.750        | 4.400             |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | White |
| 3      | Red   |
| 4      | Green |

Overall Nominal Diameter:

0.243 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -20°C To +60°C

UL Temperature Rating: 60°C

Bulk Cable Weight: 38 lbs/1000 ft.

Max. Recommended Pulling Tension: 83 lbs.

Min. Bend Radius/Minor Axis: 2.500 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): 05/10/2012

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EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

Other Specification: UL AWM 21305

## 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)

16.250

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.3

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

4 Amps per conductor @ 25°C

## Put Ups and Colors:

| Item #         | Putup    | Ship Weight | Color | Notes | Item Desc       |
|----------------|----------|-------------|-------|-------|-----------------|
| 8489NH 0101000 | 1,000 FT | 40.000 LB   | BLACK | C     | 4 #18 PO FRNHPO |
| 8489NH 010500  | 500 FT   | 20.500 LB   | BLACK | C     | 4 #18 PO FRNHPO |

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 0 Revision Date: 08-16-2016

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