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please call

1-800-Belden1



### General Description:

22 AWG stranded (7x30) TC conductors, polyolefin insulation, twisted pair, overall Beldfoil® shield (100% coverage), 22 AWG stranded TC drain wire, LSZH Polyolefin jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	22	7x30	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PO - Polyolefin	0.017

#### Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/shorting fold	100.000

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	Stranded	TC - Tinned Copper

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
LSZH - Low Smoke Zero Halogen Polyolefin	0.025

#### Overall Cable

Overall Nominal Diameter: 0.175 in.

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & Clear

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 15 lbs/1000 ft.

Max. Recommended Pulling Tension: 27 lbs.

Min. Bend Radius/Minor Axis: 1.750 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): 04/09/2012

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

## 8761NH Multi-Conductor - GreenChoice Multiconductor

EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & 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
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## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

**Impedance (Ohm)**  
64.000

### Nom. Inductance:

**Inductance (µH/ft)**  
0.200

### Nom. Capacitance Conductor to Conductor:

**Capacitance (pF/ft)**  
24

### Nom. Capacitance Cond. to Other Conductor & Shield:

**Capacitance (pF/ft)**  
47

### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/1000 ft)**  
16

### Max. Operating Voltage - UL:

**Voltage**  
300V RMS

### Max. Recommended Current:

**Current**  
2.9 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8761NH 0601000	1,000 FT	18.000 LB	CHROME		1 FS PR #22 PO FRNHPO

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