

8760NH Multi-Conductor - GreenChoice Multi Conductor



For more Information
please call

1-800-Belden1



General Description:

18 AWG stranded (16X30) tinned copper conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 20 AWG stranded tinned copper drain wire, LSZH jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	16x30	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PE - Polyethylene	0.018

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
20	7x28	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
LSZH - Low Smoke Zero Halogen	0.028

Overall Cable

Overall Nominal Diameter: 0.222 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Clear

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C
Bulk Cable Weight:	27 lbs/1000 ft.
Max. Recommended Pulling Tension:	62 lbs.
Min. Bend Radius/Minor Axis:	2.250 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
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes

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CA Prop 65 (CJ for Wire & Cable):	Yes
CA Prop 65:	Yes
MIL Order #39 (China RoHS):	Yes
Other Specification:	UL AWM Style 21305

Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA 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)
57.000

Nom. Inductance:

Inductance (µH/ft)
0.180

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
29.800

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
44.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.500

Max. Operating Voltage - UL:

Voltage
300 VRMS

Max. Recommended Current:

Current
5.2 Amps per conductor @ 25C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8760NH 060500	500 FT	15.000 LB	CHROME	C	REPLACED BY 8760ZH 060500

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-16-2016

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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