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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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