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1-800-Belden1



General Description:

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PP insulation, LSZH jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	22	7x30	TC - Tinned Copper

Total Number of Conductors: 3

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.011

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.)
2.5

Overall Cabling Color Code Chart:

Color
Black
Red
Green

Overall Nominal Diameter: 0.172 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C
Bulk Cable Weight:	16 lbs/1000 ft.
Max. Recommended Pulling Tension:	27 lbs.
Min. Bend Radius/Minor Axis:	1.650 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
CSA Specification:	FT4
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

8443NH Multi-Conductor - GreenChoice Multiconductor

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

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 21307

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. Inductance:

Inductance (µH/ft)

.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

15.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.6

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.9 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8443NH 0101000	1,000 FT	17.000 LB	BLACK		3 #22 PO NHFRPO
8443NH 010500	500 FT	9.000 LB	BLACK		3 #22 PO NHFRPO

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