

8444ZH Multi-Conductor - GreenChoice Multiconductor



For more Information
please call

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
4	22	7x30	TC - Tinned Copper

Total Number of Conductors: 4

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.267

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
LSZH - Low Smoke Zero Halogen	0.813

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (mm)
69.849725

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

Overall Nominal Diameter: 4.699 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C
Bulk Cable Weight:	23.811 Kg/Km
Max. Recommended Pulling Tension:	155.687 N
Min. Bend Radius/Minor Axis:	45.720 mm

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMG

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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
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
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/m)
0.55777

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
49.215

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
51.1836

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
2.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8444ZH 0101000	1,000 FT	22.000 LB	BLACK		4 #22 PO NHFRPO
8444ZH 010500	500 FT	11.000 LB	BLACK		4 #22 PO NHFRPO

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

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