



Product: [8471ZH](#)

Electronic, 2 C #16 Str TC, PO Ins, LSZH Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, PO Insulation, LSZH Outer Jacket, CMG

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
16	19x29	TC - Tinned Copper	1

Conductor Count:

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.018 in

Color Chart

Color
Black & White

Outer Shield Material

Type	Material
No Shield	No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.254	0.032 mm
	0.254 in	

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.49 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
17 pF/ft

Inductance

Nominal Inductance
0.17 μ H/ft

Voltage

UL Voltage Rating
300 V RMS

Electrical Characteristics Notes:	7.1 Amps per conductor @ 25°C
-----------------------------------	-------------------------------

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Max. Pull Tension:	61 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC/(UL) Compliance:	CMG
CEC/C(UL) Compliance:	CMG

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2012-05-08

Suitability

Suitability - Indoor:	Yes
-----------------------	-----

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading
UL voltage rating:	300 V RMS

Part Number

Variants

Item #	Color	UPC
8471ZH 0101000	Black	612825382379
8471ZH 010500	Black	612825382386

History

Update and Revision:	Revision Number: 0.194 Revision Date: 06-24-2020
----------------------	--------------------------------------------------

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.