



**Product:** [8489ZH](#)

Electronic, 4 C #18 Str TC, PO Ins, LSZH Jkt, CMG

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### Product Description

Electronic, 4 Conductor 18AWG (19x30) Tinned Copper, PO Insulation, LSZH Outer Jacket, CMG

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	4

Conductor Count: 4

##### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.015 in

##### Color Chart

Color
Black
White
Red
Green

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.243 in	0.032 mm

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR
6.3 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor
16.25 pF/ft

##### Voltage

UL Voltage Rating
300 V RMS

Electrical Characteristics Notes: 4 Amps per conductor @ 25°C

## Temperature Range

UL Temp Rating:	75°C
Operating Temperature Range:	-20°C To +60°C

## Mechanical Characteristics

Max. Pull Tension:	83 lbs
Min. Bend Radius/Minor Axis:	2.5 in

## Standards

NEC/(UL) Compliance:	CMG
CEC/C(UL) Compliance:	CMG
UL AWM Style Compliance:	AWM 21305

## 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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL 1685 FT4 Loading
UL voltage rating:	300 V RMS

## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
8489ZH 010500	Black	Reel	500 ft	612825382447
8489ZH 0101000	Black	Reel	1,000 ft	612825382430

## History

Update and Revision:	Revision Number: 0.187 Revision Date: 05-05-2023
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