



REPRESENTATIVE IMAGE

Product: [8443ZH](#)

Electronic, 3 C #22 Str TC, PO Ins, LSZH Jkt, CMG

[Request Sample](#)

### Product Description

Electronic, 3 Conductor 22AWG (7x30) Tinned Copper, PO Insulation, LSZH Outer Jacket, CMG

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	3

Conductor Count: 3

##### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

##### Color Chart

Color
Black
Red
Green

##### Outer Shield

Type	Material
No Shield	No Shield

##### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.172	0.032 mm
	0.172 mm	

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR
15.6 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor
15 pF/ft

##### Inductance

Nominal Inductance
0.17 $\mu$ H/ft

##### Voltage

## UL Voltage Rating

300 V RMS

Electrical Characteristics Notes: 2.9 Amps per conductor @ 25°C

## Temperature Range

UL Temp Rating: 75°C

Operating Temperature Range: -20°C to 80°C

## Mechanical Characteristics

Max. Pull Tension: 27 lbs

Min. Bend Radius/Minor Axis: 1.650 in

## Standards

NEC/(UL) Compliance: CMG

CEC/C(UL) Compliance: CMG

UL AWM Style Compliance: AWM 21307

## 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

## Flammability, LSOH, Toxicity Testing

UL Flammability: UL1685 FT4 Loading

UL voltage rating: 300 V RMS

## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
8443ZH 010500	Black	Reel	500 ft	612825382249
8443ZH 0101000	Black	Reel	1,000 ft	612825382232

## History

Update and Revision: Revision Number: 0.161 Revision Date: 05-05-2023

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