



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:

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

#### Color Chart

Color
Black
Red
Green

#### 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)	0.172	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 Temp Range: -20C° 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: UL 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 II): Yes  
EU Directive 2012/19/EU (WEEE): Yes  
EU Directive Compliance: Yes  
EU CE Mark: Yes  
EU RoHS Compliance Date (yyyy-mm-dd): 2012-05-07

## 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	Putup Type	Length	UPC
8443ZH 010500	Black	Reel	500 ft	612825382249
8443ZH 0101000	Black	Reel	1,000 ft	612825382232

## History

Update and Revision: Revision Number: 0.103 Revision Date: 08-12-2020

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