



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 µH/ft	

**Voltage**

UL Voltage Rating
300 V RMS

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

UL Temp Rating:	75°C
Operating Temperature 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:	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
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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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