



Part Number: 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
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

Color Chart

Color
Black
Red
Green

Outer Shield Material

Type	Material
Unshielded	Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen	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 μ 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: -20°C to 80°C

Mechanical Characteristics

Max Recommended Pulling Tension: 27 lbs
Min Bend Radius/Minor Axis: 1.650 in

Standards

NEC/(UL) Specification: CMG
CEC/C(UL) Specification: CMG
UL AWM Style: 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
CA Prop 65 (CJ for Wire & Cable): Yes

Suitability

Suitability - Indoor: Yes

Flammability, LS0H, Toxicity Testing

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

Part Number

Variants

Item #	Color
8443ZH 0101000	Black
8443ZH 010500	Black

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