



Product: [8444ZH](#)

Electronic, 4 C #22 Str TC, PO Ins, LSZH Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 4 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	4

Conductor Count:

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

Color Chart

Color
Black
White
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)	0.185	0.032 mm
	0.185 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: 2.4 Amps per conductor @ 25°C

Temperature Range

UL Temp Rating: 75°C

Operating Temp Range: -20°C To +80°C

Mechanical Characteristics

Max. Pull Tension: 35 lbs

Min Bend Radius/Minor Axis: 1.8 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	UPC
8444ZH 0101000	Black	612825382256
8444ZH 010500	Black	612825382263

History

Update and Revision: Revision Number: 0.196 Revision Date: 06-24-2020

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