



Product: [8442ZH](#)

Electronic, 2 C #22 Str TC, PO Ins, LSZH Jkt, CMG

Request Sample

Product Description

Electronic, 2 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	2
Conductor Count:			2
Total Number of Pairs:			1

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.015 in

Color Chart

Color
Black
Red

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)		0.025 mm
	0.168 mm	

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
15.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
12.5 pF/ft

Inductance

Nominal Inductance
0.2 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 Temp Range:	-20°C To +75°C

Mechanical Characteristics

Max. Pull Tension:	18 lbs
Min Bend Radius/Minor Axis:	1.650 in

Standards

NEC/(UL) Compliance:	CMG
CEC/C(UL) Compliance:	CMG

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
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Flammability, LS0H, Toxicity Testing

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

Part Number

Variants

Item #	Color	UPC
8442ZH 0101000	Black	612825382164
8442ZH 010500	Black	612825382171

History

Update and Revision:	Revision Number: 0.193 Revision Date: 06-24-2020
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