



Product: [8442ZH](#)

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

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Product Description

Electronic, 2 Conductor 22AWG (7x30) Tinned Copper, PO Insulation, LSZH Outer Jacket, CMG

Technical Specifications

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	2	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.015 in (0.38 mm)	0.059 in mm	Black, Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.025 in (0.64 mm)	0.168 in

Overall Cable Diameter (Nominal): 0.168 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond
17.8 Ohm/1000ft	12.5 pF/ft (41.0 pF/m)

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.68 in (42.7 mm)	1.68 in

Max. Pull Tension:	18 lbs (8.2 kg)
Bulk Cable Weight:	12 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 loading, FT4
NEC / UL Compliance:	Article 800, CMG
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.275 Revision Date: 04-08-2022
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Part Numbers

Variants

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

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