



**Product:** [9462ZH](#)

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

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### Product Description

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

### Technical Specifications

#### Construction Details

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.0135 in (0.343 mm)	0.056 in (1.4 mm)	Black and Red

##### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.035 in (0.89 mm)	0.185 in

Overall Cable Diameter (Nominal): 0.185 in.

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
17.8 Ohm/1000ft	25.0 pF/ft (82.0 pF/m)	45.0 pF/ft (148 pF/m)	3 Amps per Conductor at 25°C

##### 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.
1.85 in (47.0 mm)	1.85 in

Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	17 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 21307
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), 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: 0.281 Revision Date: 05-05-2023
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## Part Numbers

### Variants

Item #	Color	UPC
9462ZH 0101000	Black	612825382294
9462ZH 010500	Black	612825382300

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