



**Product:** [9156ZH](#)

Electronic, 2 Pr #18 Str TC, PVC Ins, LSZH Jkt, CMG

[Request Sample](#)

### Product Description

Electronic, 2 Pair 18AWG (16x30) Tinned Copper, PVC Insulation, LSZH Outer Jacket, CMG

### Technical Specifications

#### Construction Details

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	2	18 AWG	16x30	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.013 in (0.33 mm)	0.073 in (1.9 mm)	Black & Red, Black & White

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.035 in (0.89 mm)	0.333 in

Overall Cable Diameter (Nominal): 0.333 in

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
7.2 Ohm/1000ft	17.5 pF/ft (57.4 pF/m)	11.2 Amps per Conductor at 30°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.
3.33 in (84.6 mm)	3.33 in

Max. Pull Tension:	83.2 lbs (37.7 kg)
Bulk Cable Weight:	65 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
CPR Compliance:	CPR Euroclass: Eca
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.343 Revision Date: 05-05-2023
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## Part Numbers

### Variants

Item #	Color	UPC
9156ZH 0101000	Black	612825382188
9156ZH 010500	Black	612825382195

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