



Product: [9418ZH](#)

Electronic, 4 C #18 Str TC, PO Ins, OS, LSZH Jkt, CMG

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Product Description

Electronic, 4 Conductor 18AWG (19x30) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, LSZH Outer Jacket, CMG

Technical Specifications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	18	19x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.011 in (0.28 mm)	0.66 in (17 mm)	Red, Green, White, Black

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.035 in (0.89 mm)	0.25 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
6.4 Ohm/1000ft	24.0 pF/ft (78.7 pF/m)	44.0 pF/ft (144 pF/m)	5 Amps per Conductor at 20°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.
2.5 in (64 mm)	2.5 in

Max. Pull Tension:	80 lbs (36 kg)
Bulk Cable Weight:	42 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
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Flammability / Reaction to Fire:	UL1685 FT4 loading
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: 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: 0.359 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	UPC
9418ZH 0101000	Black	612825382218
9418ZH 010500	Black	612825382225

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