



Product: [8444ZH](#)

Electronic, 4 C #22 Str TC, PO Ins, LSZH Jkt, CMG

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Product Description

Electronic, 4 Conductor 22AWG (7x30) Tinned Copper, PO Insulation, LSZH Outer Jacket, CMG

Technical Specifications

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.011 in (0.28 mm)	0.050 in (1.3 mm)	Black, White, Red, Green

Outer Shield

Shield Type	Material
No Shield	No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.032 in (0.81 mm)	0.185 in

Overall Cable Diameter (Nominal): 0.185 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
17.8 Ohm/1000ft	15 pF/ft (49 pF/m)	2.32 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:	36.4 lbs (16.5 kg)
Bulk Cable Weight:	20 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Non-Halogenated
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 21307
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: 0.278 Revision Date: 12-21-2021
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Part Numbers

Variants

Item #	Color	UPC
8444ZH 0101000	Black	612825382256
8444ZH 010500	Black	612825382263

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