



**Product:** [8771ZH](#)

Electronic, 3 C #22 Str TC, PO Ins, OS, LSZH Jkt, CMG

[Request Sample](#)

### Product Description

Electronic, 3 Conductor 22AWG (7x30) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, LSZH Outer Jacket, CMG

### Technical Specifications

#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	22 AWG	7x30	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.017 in (0.43 mm)	0.062 in (1.6 mm)	Black, Red, Transparent

##### 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)	0.033 mm (0.0013 in)	0.199 in

Overall Cable Diameter (Nominal):	0.199 in.
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#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
15 Ohm/1000ft	23 pF/ft (75 pF/m)	41 pF/ft (130 pF/m)	2.9 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.
1.99 in (50.5 mm)	1.99 in

Max. Pull Tension:	36 lbs (16 kg)
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Bulk Cable Weight:	22 lbs/1000ft
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## 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 21305
CEC / C(UL) Compliance:	CMG
ISO/IEC Compliance:	IEC 61034-2 - Smoke Density Min Transmittance = 60%
European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 2.5 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3
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: 0.129 Revision Date: 05-05-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
8771ZH 060500	Chrome	Reel	500 ft	612825382492
8771ZH 0601000	Chrome	Reel	1,000 ft	612825382485

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