



Product: [8489ZH](#)

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

[Request Sample](#)

Product Description

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

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 18 | 19x30 | TC - Tinned Copper | 4 |

Conductor Count: 4

Insulation

| Material | Nominal Wall Thickness |
|--------------------|------------------------|
| PP - Polypropylene | 0.015 in |

Color Chart

| Color |
|-------|
| Black |
| White |
| Red |
| Green |

Outer Shield Material

| Material |
|-----------|
| No Shield |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|---|------------------|------------------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 0.243 in | 0.032 mm |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 6.3 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 16.25 pF/ft |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V RMS |

Electrical Characteristics Notes: 4 Amps per conductor @ 25°C

Temperature Range

| | |
|-----------------------|----------------|
| UL Temp Rating: | 75°C |
| Operating Temp Range: | -20°C To +60°C |

Mechanical Characteristics

| | |
|-----------------------------|--------|
| Max. Pull Tension: | 83 lbs |
| Min Bend Radius/Minor Axis: | 2.5 in |

Standards

| | |
|--------------------------|--------------|
| NEC/(UL) Compliance: | CMG |
| CEC/C(UL) Compliance: | CMG |
| UL AWM Style Compliance: | UL AWM 21305 |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | Yes |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2012-05-07 |

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Flammability, LSOH, Toxicity Testing

| | |
|---------------------|--------------------|
| C(UL) Flammability: | FT4 |
| UL Flammability: | UL1685 FT4 Loading |
| UL voltage rating: | 300 V RMS |

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|-------|------------|----------|--------------|
| 8489ZH 010500 | Black | Reel | 500 ft | 612825382447 |
| 8489ZH 0101000 | Black | Reel | 1,000 ft | 612825382430 |

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.99 Revision Date: 06-24-2020 |
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