



Product: [9462ZH](#)

Electronic, 2 C #22 Str TC, PO Ins, OS, LSZH Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 2 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 |
|---------|-------------------|--------|-----------|--------------------|
| Pair(s) | 1 | 22 AWG | 7x30 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------|----------------------|--------------------------|---------------|
| Pair(s) | PP - Polypropylene | 0.0135 in (0.343 mm) | 0.056 in (1.4 mm) | Black and Red |

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) | 0.035 in (0.89 mm) | 0.185 in |

Overall Cable Diameter (Nominal): 0.185 in.

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Max. Current |
|--------------------|-------------------------------|---|------------------------------|
| 17.8 Ohm/1000ft | 25.0 pF/ft (82.0 pF/m) | 45.0 pF/ft (148 pF/m) | 3 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: | 27 lbs (12 kg) |
| Bulk Cable Weight: | 17 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading |
| 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) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.273 Revision Date: 12-21-2021 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | UPC |
|----------------|-------|--------------|
| 9462ZH 0101000 | Black | 612825382294 |
| 9462ZH 010500 | Black | 612825382300 |

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