



REPRESENTATIVE IMAGE

Product: [8473](#)

Electronic, 2 C #14 Str TC, PVC Ins, PVC Jkt, CL3

Request Sample

Product Description

Electronic, 2 Conductor 14AWG (42x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CL3

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | AWG | Stranding | Material |
|---------|-------------------|-----|-----------|--------------------|
| Pair(s) | 1 | 14 | 42x30 | TC - Tinned Copper |

Insulation

| Element | Material | Thickness | Color Code |
|---------|--------------------------|-----------|---------------|
| Pair(s) | PVC - Polyvinyl Chloride | 0.032 in | Black & White |

Outer Jacket Material

| Material | Thickness | Nom. Diameter |
|--------------------------|-----------|---------------|
| PVC - Polyvinyl Chloride | 0.040 in | 0.356 in |

| | |
|---------------------------|----------|
| Cable Diameter (Nominal): | 0.356 in |
|---------------------------|----------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|---------|--------------------|-------------------------------|--|
| Pair(s) | 2.86 Ohm/1000ft | 22 pF/ft | 9.6 Amps per Conductor at 25°C (10°C Temperature Rise) |

Voltage

| UL Voltage Rating |
|----------------------------------|
| 300 V (CL3), 600 V (UL AWM 2587) |

Mechanical Characteristics

Temperature

| UL Rating | Operating |
|--------------------|----------------|
| 90°C (UL AWM 2587) | -20°C to +90°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 3.5 in | 3.6 in |

| | |
|--------------------|---------------|
| Max. Pull Tension: | 94 lbs |
| Bulk Cable Weight: | 58 lbs/1000ft |

Standards and Compliance

| | |
|---------------------------------|---|
| Environmental Suitability: | Indoor |
| Sustainability: | CA Prop 65 |
| Flammability / Fire Resistance: | UL1685 UL Loading, FT1, IEC 60332-1-2 |
| NEC / UL Compliance: | Article 725, CL3 |
| AWM Compliance: | 2587, FAS90 |
| CPR Euroclass: | Eca |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

Product Notes

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| Notes: | Nominal Breakdown Voltage - Jacket 20 KV RMS; Nominal Breakdown Voltage Between Conductors 25 KV RMS. See NEC guidelines for applicable CL3 voltage ratings. |
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History

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| Update and Revision: | Revision Number: 0.340 Revision Date: 09-30-2020 |
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