## Product: [9495] ↗

## High Perform Instr, 1 Tri #14 Str TC, PVC Ins E1, PVC Jkt, PLTC

**⚏ Request Sample**

### Product Description

High Performance Instrumentation, 1 Triad 14AWG (42x30) Tinned Copper, PVC Insulation E1 Color Code, PVC Outer Jacket, PLTC

### Technical Specifications

#### Product Overview

| | |
|---|---|
| Suitable Applications: | Instrumentation, Sensors, Valves, Positioners, RTD, 4-20mA, 0-10V |

#### Construction Details

**Conductor**

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

**Insulation**

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---|---|---|---|---|
| Triad(s) | PVC - Polyvinyl Chloride | 0.022 in (0.56 mm) | 0.119 in (3.02 mm) | Black , White , Red |

**Outer Jacket**

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|---|---|---|---|
| PVC - Polyvinyl Chloride | 0.042 in (1.1 mm) | 0.355 in (9.02 mm) | Yes |

| | |
|---|---|
| Overall Cable Diameter (Nominal): | 0.355 in (9.02 mm) |

#### Electrical Characteristics

**Electricals**

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|---|---|---|---|
| Triad(s) | 2.8 Ohm/1000ft | 27 pF/ft (89 pF/m) | 8 Amps per conductor at 25°C |

**Voltage**

| UL Voltage Rating |
|---|
| 300 V (PLTC, CMG) |

#### Mechanical Characteristics

**Temperature**

| UL Temperature | Operating |
|---|---|
| 105°C | -30°C to +105°C |

| | |
|---|---|
| Table Notes: | AWM 80°C |

**Bend Radius**

| Stationary Min. | Installation Min. |
|---|---|
| 3.6 in (91 mm) | 3.6 in (91 mm) |

| | |
|---|---|
| Max. Pull Tension: | 160 lbs (73 kg) |
| Bulk Cable Weight: | 82 lbs/1000ft |

## Standards and Compliance

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|---|---|
| Environmental Suitability: | Indoor/Outdoor, Indoor, Sunlight Resistance, Burial |
| Flammability / Reaction to Fire: | UL 1685 UL Loading, T-29-520, IEEE 1202, FT4 |
| NEC / UL Compliance: | Article 725, Article 727, Article 800, CMG, ITC, PLTC |
| AWM Compliance: | AWM 2464 |
| 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

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|---|---|
| Update and Revision: | Revision Number: 0.527 Revision Date: 04-14-2023 |

## Part Numbers

**Variants**

| Item # | Color | UPC |
|---|---|---|
| 9495 0601000 | Chrome | 612825253990 |
| 9495 0602500 | Chrome | 612825254003 |
| 9495 060500 | Chrome | 612825254010 |