



Product: [9491](#)

High Perform Instr, 1 Tri #22 Str TC, PVC Ins E1, PVC Jkt, PLTC

[Request Sample](#)

Product Description
High Performance Instrumentation, 1 Triad 22AWG (7x30) 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

| Element | Number of Element | Size | Stranding | Material |
|----------|-------------------|--------|-----------|--------------------|
| Triad(s) | 1 | 22 AWG | 7x30 | TC - Tinned Copper |

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|----------|--------------------------|--------------------|--------------------------|---------------------|
| Triad(s) | PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.062 in (1.6 mm) | Black , White , Red |

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.037 in (0.94 mm) | 0.207 in (5.26 mm) | Yes |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.207 in (5.26 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|----------|--------------------|-------------------------------|--------------------------------|
| Triad(s) | 18.2 Ohm/1000ft | 26 pF/ft (85 pF/m) | 2.8 Amps per Conductor at 25°C |

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

Mechanical Characteristics

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

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

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.1 in (53 mm) | 2.1 in (53 mm) |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 27 lbs (12 kg) |
| Bulk Cable Weight: | 21 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor, Outdoor, Sunlight Resistance |
| Flammability / Reaction to Fire: | UL 1685 UL Loading, FT4, T-29-520, IEEE 1202 |
| 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: 0.534 Revision Date: 04-14-2023 |
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Part Numbers

Variants

| Item # | Color | UPC |
|---------------|--------|--------------|
| 9491 0602500 | Chrome | 612825253860 |
| 9491 060U1000 | Chrome | 612825253846 |
| 9491 060U500 | Chrome | 612825253853 |

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