


**Product: [9363](#)**

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

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**Product Description**

High Performance Instrumentation, 1 Triad 22AWG (7x30) Tinned Copper, PVC Insulation E1 Color Code, Overall Beldfoil® Shield, PVC Outer Jacket, PLTC

**Technical Specifications**
**Product Overview**

Suitable Applications:	Instrumentation, Sensors, Valves, Positioners, RTD, 4-20mA, 0-10V
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**Construction Details**
**Conductor**

Element	No. of Elements	Size	Stranding	Material
Triad(s)	1	22 AWG	7x30	TC - Tinned Copper

**Insulation**

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

**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	Ripcord
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.210 in (5.33 mm)	Yes

Overall Cable Diameter (Nominal): 0.210 in (5.33 mm)

**Electrical Characteristics**
**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Nom. Inductance	Max. Current
Triad(s)	18.2 Ohm/1000ft	26 pF/ft (85 pF/m)	45 pF/ft (150 pF/m)	0.21 $\mu$ H/ft (0.69 $\mu$ H/m)	2.8 Amps per Conductor at 25°C

Nom Outer Shield DCR: 12.86 Ohm/1000ft (42.19 Ohm/km)

**Voltage**

UL Voltage Rating
300 V (PLTC, CMG)

**Mechanical Characteristics**
**Temperature**

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

Temperature Table Notes: AWM 80°C

**Bend Radius**

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

2.1 in (53 mm)

Max. Pull Tension: 36 lbs (16 kg)

Bulk Cable Weight: 24 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, 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

Update and Revision: Revision Number: 0.615 Revision Date: 09-07-2025

## Part Numbers

### Variants

Item #	Color	UPC	Footnote
9363 0602500	Chrome	612825239406	
9363 0605000	Chrome	612825239413	C Z
9363 060U1000	Chrome	612825239383	
9363 060U500	Chrome	612825239390	

Footnote: C - CRATE REEL PUT-UP., Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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