


**Product: [9365](#)**

High Perform Instr, 1 Tri #18 Str TC, PVC Ins E1, OS, PVC Jkt, PLTC

[Request Sample](#)
**Product Description**

High Performance Instrumentation, 1 Triad 18AWG (19x30) 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	18 AWG	19x30	TC - Tinned Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Triad(s)	PVC - Polyvinyl Chloride	0.019 in (0.48 mm)	0.082 in (2.1 mm)	ICEA Chart E1

**Outer Shield**

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (19x32) TC

**Outer Jacket**

Separator	Material	Nom. Thickness	Nom. Diameter	Ripcord
PP - Polypropylene Tape	PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.269 in (6.83 mm)	Yes

Overall Cable Diameter (Nominal): 0.269 in (6.83 mm)

**Electrical Characteristics**
**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	Nom. Inductance	Max. Current
Triad(s)	7.2 Ohm/1000ft	54 pF/ft (180 pF/m)	101 pF/ft (331 pF/m)	45 Ohm	0.17 $\mu$ H/ft (0.56 $\mu$ H/m)	5 Amps per Conductor at 25°C
Nom Outer Shield DCR: 5.66 Ohm/1000ft (18.6 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.
2.7 in (69 mm)	2.7 in (69 mm)
Max. Pull Tension:	89 lbs (40 kg)
Bulk Cable Weight:	48 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
Flammability / Reaction to Fire:	UL 1685 UL Loading, FT4, T-29-520, IEEE 1202
CPR Compliance:	CPR Euroclass: Eca
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.622 Revision Date: 09-07-2025
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## Part Numbers

### Variants

Item #	Color	UPC	Footnote
9365 0601000	Chrome	612825239499	C
9365 0602500	Chrome	612825239505	Z
9365 0605000	Chrome	612825239512	C
9365 060U1000	Chrome	612825239475	
9365 060U500	Chrome	612825239482	

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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