



Product: [9364](#)

High Perform Instr, 1 Tri #20 Str TC, PVC Ins E1, OS, PVC Jkt, PLTC-ER

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Product Description

High Performance Instrumentation, 1 Triad 20AWG (19x32) Tinned Copper, PVC Insulation E1 Color Code, Overall Beldfoil® Shield, PVC Outer Jacket, PLTC-ER

Technical Specifications

Product Overview

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

Conductor

Element	Number of Element	Size	Stranding	Material
Triad(s)	1	20 AWG	19x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Triad(s)	PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.072 in (1.8 mm)	Black, White, Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (19x34) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.234 in (5.94 mm)	Yes

Overall Cable Diameter (Nominal):	0.234 in (5.94 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Max. Current
Triad(s)	9.5 Ohm/1000ft (31 Ohm/km)	30 pF/ft (98 pF/m)	55 pF/ft (180 pF/m)	4.8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V (PLTC, CMG), 150 V (ITC)

Mechanical Characteristics

Temperature

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

Table Notes:	AWM 80°C
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Bend Radius

Stationary Min.	Installation Min.

2.3 in (58 mm)	2.3 in (58 mm)
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Max. Pull Tension:	54 lbs
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Bulk Cable Weight:	31 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
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Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, T-29-520, 1202
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NEC / UL Compliance:	Article 725, Article 727, Article 800, CMG, ITC-ER, PLTC-ER
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AWM Compliance:	2464
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CEC / C(UL) Compliance:	CMG
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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)
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APAC Compliance:	China RoHS II (GB/T 26572-2011)
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History

Update and Revision:	Revision Number: 0.390 Revision Date: 12-15-2021
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Variants

Item #	Color	Putup Type	Length	UPC
9364 060U500	Chrome	UnReel	500 ft	612825239437
9364 060U1000	Chrome	UnReel	1,000 ft	612825239420
9364 0602500	Chrome	Reel	2,500 ft	612825239451
9364 0605000	Chrome	Reel	5,000 ft	612825239468
9364 06010000	Chrome	Reel	10,000 ft	612825239444

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