



Product: [9493](#)

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

Request Sample

Product Description

High Performance Instrumentation, 1 Triad 18AWG (19x30) Tinned Copper, PVC Insulation E1 Color Code, 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	18 AWG	19x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Triad(s)	PVC - Polyvinyl Chloride	0.019 in (0.48 mm)	Black, White, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.264 in (6.71 mm)	Yes

Cable Diameter (Nominal):

0.265 in (6.73 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond
Triad(s)	6.0 Ohm/1000ft (20 Ohm/km)	31.8 pF/ft (104 pF/m)

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

Bend Radius

Stationary Min.	Installation Min.
2.6 in (66 mm)	2.6 in (66 mm)

Max. Pull Tension:	74 lbs
Bulk Cable Weight:	40 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Sunlight Resistance, Burial
Flammability / Reaction to Fire:	UL1685 UL Loading, FT4, T-29-520, 1202
NEC / UL Compliance:	Article 725, Article 727, Article 800, CMG, ITC-ER, PLTC-ER
AWM Compliance:	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: 0.363 Revision Date: 10-27-2021
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Variants

Item #	Color	UPC
9493 0602500	Chrome	612825253945
9493 0605000	Chrome	612825253952
9493 060U1000	Chrome	612825253921
9493 060U500	Chrome	612825253938

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