



Product: [9495](#)

High Perform Instr, 1 Tri #14 Str TC, PVC Ins E1, PVC Jkt, PLTC-ER

Request Sample

Product Description

High Performance Instrumentation, 1 Triad 14AWG (42x30) 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	14 AWG	42x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Triad(s)	PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.119 in (3.02 mm)	Black , White , Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.042 in (1.1 mm)	0.355 in (9.02 mm)	Yes

Overall Cable Diameter (Nominal):	0.355 in (9.02 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Triad(s)	2.8 Ohm/1000ft	27 pF/ft (89 pF/m)	8 Amps per conductor at 25°C

Voltage

UL Voltage Rating
300 V (PLTC, CMG)

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.
3.6 in (91 mm)	3.6 in (91 mm)

Max. Pull Tension:	160 lbs (73 kg)
Bulk Cable Weight:	82 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Sunlight Resistance, Burial
Flammability / Reaction to Fire:	UL 1685 UL Loading, FT4, T-29-520, IEEE 1202, FT4
NEC / UL Compliance:	Article 725, Article 727, Article 800, CMG, ITC-ER, PLTC-ER
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: 0.487 Revision Date: 06-30-2022
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Part Numbers

Variants

Item #	Color	UPC
9495 0601000	Chrome	612825253990
9495 0602500	Chrome	612825254003
9495 060500	Chrome	612825254010

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