



**Part Number: 9495**

High Perform Instr, 1 Tri #14 Str TC, PVC Ins E2, PVC Jkt, PLTC-ER

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**Product Description**

High Performance Instrumentation, 1 Triad 14AWG (42x30) Tinned Copper, PVC Insulation E2 Color Code, PVC Outer Jacket, PLTC-ER

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

Element	AWG	Stranding	Material	No. of Triads
Triad	14	42x30	TC - Tinned Copper	1

Conductor Count:	3
Total Number of Pairs:	N/A
Total Number of Triads:	1
Conductor Size:	14 AWG

**Insulation**

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.022 in

**Color Chart**

Number	Color
1	Black & White & Red

**Outer Shield Material**

Material
Unshielded

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.34 in	0.042 in	Yes

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
2.52 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
27 pF/ft

**Inductance**

Nominal Inductance
0.18 $\mu$ H/ft

**Voltage**

UL Description	UL Voltage Rating
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PLTC, CMG	300 V RMS
ITC	150 V RMS

## Temperature Range

UL Temp Rating:	80°C
Operating Temp Range:	-30°C To +105°C

## Mechanical Characteristics

Bulk Cable Weight:	76.3 lbs/1000ft
Max Recommended Pulling Tension:	97 lbs
Min Bend Radius/Minor Axis:	3.4 in

## Standards

NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2464 (300 V 80°C)

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes

## Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT4
IEEE Flammability:	1202
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Footnote
9495 0601000	Chrome	C
9495 0602500	Chrome	Z
9495 060500	Chrome	C

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	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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