



Product: [9492](#)

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

[Request Sample](#)

Product Description

High Performance Instrumentation, 1 Triad 20AWG (19x32) Tinned Copper, PVC Insulation E1 Color Code, PVC Outer Jacket, PLTC

Technical Specifications

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Triads
Triad	20	19x32	TC - Tinned Copper	1

Conductor Count:	3
Total Number of Triads:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.072 in	0.0175 in

Color Chart

Color
Black
White
Red

Color Chart 2

Number	Color
1	Black & White & Red

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.229 in	0.037 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
9.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
30 pF/ft

Inductance

Nominal Inductance

0.19 μ H/ft

Current

Max. Recommended Current [A]

4.8 Amps per conductor @ 25°C A

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	27 lbs/1000ft
Max Recommended Pulling Tension:	46 lbs
Min Bend Radius/Minor Axis:	2.25 in

Standards

NEC/(UL) Specification:	CMG, ITC, PLTC
CEC/C(UL) Specification:	CMG
UL AWM Style:	2464

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
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading
ICEA Flammability:	T-29-520
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	UPC
9492 0601000	Chrome	612825253891
9492 0602500	Chrome	612825253907
9492 0605000	Chrome	612825253914
9492 060U1000	Chrome	612825253877
9492 060U500	Chrome	612825253884

Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.305 Revision Date: 04-28-2020
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