



Part Number: 9364

High Perform Instr, 1 Tri #20 Str TC, PVC Ins E2, OS, PVC Jkt, PLTC-ER

[Request Sample](#)

Product Description

High Performance Instrumentation, 1 Triad 20AWG (19x32) Tinned Copper, PVC Insulation E2 Color Code, Overall Beldfoil® Shield, PVC Outer Jacket, PLTC-ER

Technical Specifications

Product Overview

Environmental Space:	Indoor/Outdoor
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Physical Characteristics (Overall)

Conductor

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

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

Insulation

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.072 in

Color Chart

Number	Color
1	Black
2	White
3	Red

Color Chart 2

Number	Color
1	Black & White & Red

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	22	19x34 mm

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.234 in	0.037 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
9.5 Ohm/1000ft	6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
30 pF/ft	55 pF/ft

Inductance

Nominal Inductance
0.19 µH/ft

Current

Max. Recommended Current [A]
4.8 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	31 lbs/1000ft
Max Recommended Pulling Tension:	46 lbs
Min Bend Radius/Minor Axis:	2.25 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 - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading
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	Length	Footnote
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9364 06010000	Chrome	612825239444	10,000 ft	C
9364 0602500	Chrome	612825239451	2,500 ft	Z
9364 0605000	Chrome	612825239468	5,000 ft	C
9364 060U1000	Chrome	612825239420	1,000 ft	
9364 060U500	Chrome	612825239437	500 ft	

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.

History

Update and Revision:	Revision Number: 0.299 Revision Date: 09-10-2019
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