



**Product:** [9411](#)

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

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**Product Description**

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

**Technical Specifications**

**Product Overview**

Suitable Applications:	Instrumentation, Sensors, Valves, Positioners, 4-20mA, 0-10V
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**Construction Details**

**Conductor**

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	14	42x30	TC - Tinned Copper

**Insulation**

Element	Material	Thickness [in.]	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.022	Black, Red

**Outer Jacket Material**

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.042 in	0.322 in	Yes

Cable Diameter (Nominal):	0.322 in
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**Electrical Characteristics**

**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond
Pair(s)	2.6 Ohm/1000ft	27 pF/ft

**Voltage**

UL Voltage Rating
300 V (PLTC), 150 V (ITC)

**Mechanical Characteristics**

**Temperature**

UL Rating	Operating
105°C	-30°C to +105°C

Table Notes:	AWM 80°C
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**Bend Radius**

Stationary Min.
3.2 in

Max. Pull Tension:	107 lbs
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Bulk Cable Weight:	56
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## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance
Flammability / Fire Resistance:	UL1666 Riser, FT4, T-29-520, 1202
NEC / UL Compliance:	CL3R, ITC-ER, PLTC-ER
AWM Compliance:	2464
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.336 Revision Date: 07-28-2020
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