



**Product:** [1034A](#)

Inst, 1 Tri #16 Str BC, PVC Ins E1, Blk PVC Jkt, 300V PLTC-ER ITC-ER CMG

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**Product Description**

UL Instrumentation, 1 Triad 16AWG (7x24) Bare Copper, PVC Insulation E1 Color Code, Black PVC Outer Jacket, PLTC-ER ITC-ER CMG AWM 2464 SUN RES

**Technical Specifications**

**Construction Details**

**Conductor**

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	16 AWG	7x24	BC - Bare Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.091 in (2.3 mm)	Black, Red, White

**Outer Shield**

Material
No Shield

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.270 in	Yes

Overall Cable Diameter (Nominal): 0.270 in

**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Max. Current
4.2 Ohm/1000ft	19 Amps per Conductor at 25°C

**Voltage**

UL Voltage Rating
300 V

**Mechanical Characteristics**

**Temperature**

UL Temperature	Operating
UL: 105°C, AWM 2464: 80°C	-20°C to +105°C

**Bend Radius**

Stationary Min.	Installation Min.
2.7 in (69 mm)	2.7 in

Max. Pull Tension:	107 lbs
Bulk Cable Weight:	48 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, 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)

## Product Notes

Notes:	Alternate color coding available upon request.
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## History

Update and Revision:	Revision Number: 0.395 Revision Date: 12-21-2021
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## Variants

Item #	Color	Putup Type	Length	UPC
1034A 0101000	Black	Reel	1,000 ft	612825105077
1034A 0104000	Black	Reel	4,000 ft	612825105084

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