



Product: [1034A](#)

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

[Request Sample](#)

Product Description

UL Instrumentation, 1 Triad 16AWG (7x24) Bare Copper, PVC Insulation E1 Color Code, Black PVC Outer Jacket, PLTC ITC 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 (48.5 kg)
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
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: 0.403 Revision Date: 12-16-2022
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Part Numbers

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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