Product: 1034A

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

Request Sample

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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Triads
16	7x24	BC - Bare Copper	1

Conductor Count:	3

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

Color Chart

Number	Color
1	Black
2	Red
3	White

Color Chart 2

Number	Color
1	Black & Red & White and Numbered

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.270 in	0.037 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
3.7 Ohm/1000ft

Voltage

UL Voltage Rating
300 V RMS
150 V RMS (Type NPLF)

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	49.3 lbs/1000ft
Max. Pull Tension:	107 lbs
Min Bend Radius/Minor Axis:	2.7 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Compliance:	CMG
UL AWM Style Compliance:	2464

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	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:	No
Suitability - Sunlight Resistance:	Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 UL Loading
IEEE Flammability:	1202
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

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

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.

Product Notes

Notes:	Alternate color coding available upon request.

History

Update and Revision:	Revision Number: 0.314 Revision Date: 06-24-2020

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