



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:

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, LSOH, 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. |
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History

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