



Product: [121035A](#)

Inst, 1 Pr #16 Str BC, PVC Ins E1, PVC Jkt, AIA Armor, Blk PVC Jkt, 300V PLTC SUN RES

[Request Sample](#)

Product Description

UL Instrumentation, 1 Pair 16AWG (7x24) Bare Copper, PVC Insulation E1 Color Code, PVC Inner Jacket, Aluminum Interlock Armor, Black PVC Outer Jacket, PLTC SUN RES

Technical Specifications

Physical Characteristics (Overall)

Conductor

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

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.014 in

Color Chart

Number	Color
1	Black
2	White

Inner Jacket Material

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.037 in

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.510 in

Construction and Dimensions

Armor

Type of Armor	Material	Diameter over Armoring
Interlocked	Aluminum	0.424 in

Electrical Characteristics

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C Dry, 90°C Wet
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Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CM, ITC, PLTC
CEC/C(UL) Compliance:	CM

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

Suitability

Suitability - Sunlight Resistance:	Yes
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Flammability, LSOH, Toxicity Testing

UL voltage rating:	300 V RMS
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History

Update and Revision:	Revision Number: 0.110 Revision Date: 03-16-2021
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