



Part Number: 1035A
300V, (1 pr) 16 AWG (7x24) BC, PVC/PVC, PLTC-ER, CMG

Product Description
One 16 AWG pair stranded (7x24) bare copper conductors, twisted pairs, PVC insulation, PVC jacket.

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	
Total Number of Triads:		N/A	
Conductor Size:		16 AWG	

Insulation	
Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

Color Chart	
Number	Color
1	Black & White

Outer Shield Material

Material
Unshielded

Outer Jacket Material			
Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.256 in	0.037 in	Yes

Construction and Dimensions

Print Legend:	LEGEND: BELDEN 1035A E34972 1PR16 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES OR AWM 2464 80C 300V OR C(UL) CMG ----FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET
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Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	
3.7 Ohm/1000ft	
Shielding:	Unshielded

Voltage	
UL Voltage Rating	
300 V RMS	

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	36.4 lbs/1000ft
Max Recommended Pulling Tension:	71.4 lbs
Min Bend Radius/Minor Axis:	2.6 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG, CL3, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
UL AWM Style:	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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Sunlight Resistance:	Yes
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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
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Part Number

Variants

Item #	Color	Footnote
1035A 0101000	Black	C
1035A 01010000	Black	C Z

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.

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