



**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.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

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

<b>Total Number of Conductors:</b>	2
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#### Insulation:

Material
PVC - Polyvinyl Chloride

#### Color Chart 1:

Number	Color
1	Black & White

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.254 in	0.037 in	Yes

<b>Print Legend:</b>	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

### Voltage:

#### UL Voltage Rating

300 V RMS

## Use

#### Suitability - Sunlight Resistance:

Yes

#### Max Recommended Pulling Tension:

71.4 lbs

## Safety

#### CSA Flammability:

FT4

#### IEEE Flammability:

1202

#### UL Flammability:

UL1685 FT4 Loading

## Temperature Range

#### Operating Temp Range:

-30°C To +105°C

## Mechanical Characteristics

#### Min Bend Radius/Minor Axis:

2.6 in

## Part Number

#### Plenum (Y/N):

No

## Standards

#### CA Prop 65 (CJ for Wire & Cable):

CA Prop 65 (CJ for Wire & Cable)

#### CEC/C(UL) Specification:

CEC/C(UL) Specification

#### MII Order #39 (China RoHS):

MII Order #39 (China RoHS)

#### NEC/(UL) Specification:

NEC/(UL) Specification

#### UL AWM Style:

AWM Specification

#### EU Directive Compliance:

EU Directive 2003/11/EC (BFR)

#### EU CE Mark:

EU CE Mark

Product Variants

Part Number	Color	Put-Up Type	Length
1035A 01010000	BLACK	Reel	10000 ft
1035A 0101000	BLACK	Reel	1000 ft

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