



**Part Number:** 1032A

300V, (1 pr) 18 AWG (7x26) BC, PVC/PVC, Foil Shld, PLTC-ER, CMG

## Product Description

One 18 AWG pair stranded (7x26) bare copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
18	7x26	BC - Bare Copper	1
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.016 in

#### Color Chart 1:

Number	Color
1	Black and White

#### Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	20	7x28 mm

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.233 in	0.037 in	Yes

<b>Print Legend:</b>	LEGEND: BELDEN 1032A E34972 1PR18 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	Nominal Outer Shield DCR
5.86 Ohm/1000ft	5.07 Ohm/1000ft

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
51 pF/ft	95 pF/ft

### Current:

Max. Recommended Current [A]
8 Amps per conductor @ 25°C

### Inductance:

Nominal Inductance
0.19 µH/ft

### Voltage:

UL Description	UL Voltage Rating
PLTC, CMG	300 V RMS
ITC	150 V RMS

## Use

Suitability - Burial:	No
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	26 lbs

## Safety

CSA Flammability:	FT4
IEEE Flammability:	1202
UL Flammability:	UL1685 UL Loading

## Temperature Range

Operating Temp Range:	-30°C To +105°C
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## Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.3 in
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## Part Number

Plenum (Y/N):	No
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## 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

## History

Notes:	Alternate color coding available upon request.
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## Product Variants

Part Number	Color	Put-Up Type	Length
1032A 00610000	BLUE, LIGHT	Reel	10000 ft
1032A 0061000	BLUE, LIGHT	Reel	1000 ft
1032A 0065000	BLUE, LIGHT	Reel	5000 ft
1032A 01010000	BLACK	Reel	10000 ft
1032A 0101000	BLACK	Reel	1000 ft

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