



**Part Number:** 1030A

300V, (1 pr) 16 AWG (7x24) BC, PVC/PVC, Foil Shld,  
PLTC-ER, CMG

## Product Description

One 16 AWG pair stranded (7x24) bare copper conductors, PVC insulation, twisted pair, overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
16	7x24	BC - Bare Copper	1
Total Number of Conductors:			2

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.016 in

#### Color Chart 1:

Number	Color
1	Black & White

#### Stranding:

Lay Length	Twists
3 in	4 twist/ft

#### Outersheild 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	18	7x26 mm

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.257 in	0.037 in	Yes

#### Print Legend:

LEGEND: BELDEN 1030A 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

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
3.7 Ohm/1000ft	5.1 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
61 pF/ft	114 pF/ft

#### Current:

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

#### Inductance:

Nominal Inductance
0.19 µH/ft

#### Voltage:

UL Voltage Rating
300 V RMS

## Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	40 lbs

## Safety

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

## Temperature Range

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

Min Bend Radius/Minor Axis:	2.6 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

Product Variants

Part Number	Color	Put-Up Type	Length
1030A 00610000	BLUE, LIGHT	Reel	10000 ft
1030A 0061000	BLUE, LIGHT	Reel	1000 ft
1030A 0065000	BLUE, LIGHT	Reel	5000 ft
1030A 01010000	BLACK	Reel	10000 ft
1030A 0101000	BLACK	Reel	1000 ft
1030A 0105000	BLACK	Reel	5000 ft
1030A.00305	BLACK	Reel	305 ft

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