



**Part Number:** 1528A

300V, (3 pr) 16 AWG (7x24) BC, (1) 22 AWG (7x30) BC,  
PVC/PVC, Foil Shld, PLTC-ER, CMG

## Product Description

Three 16 AWG pairs stranded (7x24) bare copper conductors, one 22 AWG stranded (7x30) bare copper conductor, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors	No. of Pairs
16	7x24	BC - Bare Copper		3
22	7x30	BC - Bare Copper	1	
<b>Total Number of Conductors:</b>			7	

#### Insulation:

Material
PVC - Polyvinyl Chloride

#### Color Chart 1:

Number	Color
1	Black & White and Numbered 1
2	Black & White and Numbered 2
3	Black & White and Numbered 3
Communication Wire	Orange

## 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	16	7x24 mm

## Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.443 in	0.053 in	Yes

<b>Print Legend:</b>	LEGEND: BELDEN 1528A E34972 3PR16 1C22 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR 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:

Element	Nominal Conductor DCR	Nominal Outer Shield DCR
16 AWG	3.67 Ohm/1000ft	3.1 Ohm/1000ft
22 AWG	14.7 Ohm/1000ft	

### Capacitance:

Nom. Capacitance Conductor to Other Conductor to Shield
58 pF/ft

### Inductance:

Nominal Inductance
0.19 µH/ft

### Voltage:

UL Voltage Rating
300 V RMS

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	250 lbs

## Safety

CSA Flammability:	FT4
IEEE Flammability:	1202

UL Flammability:	UL1685 FT4 Loading
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## Temperature Range

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

Min Bend Radius/Minor Axis:	4.5 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
1528A 0107500	BLACK	Reel	7500 ft

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