



**Part Number:** 3016A

300V, (2 pr) 20 AWG (7x28) BC, (1) 22 AWG (7x30) BC,  
PVC/PVC, Foil Shld, PLTC-ER, CMG

## Product Description

Two 20 AWG pairs stranded (7x28) 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
20	7x28	BC - Bare Copper		2
22	7x30	BC - Bare Copper	1	
<b>Total Number of Conductors:</b>			5	

#### Insulation:

Material
PVC - Polyvinyl Chloride

#### Color Chart 1:

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

## Cabling 1:

Lay Direction
Left Hand

## Outersield 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	0.332 in	0.042 in	Yes

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
9.5 Ohm/1000ft	11 Ohm/1000ft

### Voltage:

UL Voltage Rating
300 V RMS (PLTC CMG)
150 V RMS (ITC)

## Use

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	92 lbs

## Safety

C(UL) Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202
UL Flammability:	UL1685 FT4 Loading

## Temperature Range

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

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	3.75 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
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

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