



**Part Number:** 3035A

300V, (16 pr) 18 AWG (7x26) BC, (1) 22 AWG (7x30) BC,  
PVC/PVC, Foil Shld, PLTC-ER, CMG

## Product Description

Sixteen 18 AWG pairs stranded (7x26) 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
18	7x26	BC - Bare Copper		16
22	7x30	BC - Bare Copper	1	
<b>Total Number of Conductors:</b>			33	

#### 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
4	Black & White and Numbered 4
5	Black & White and Numbered 5
6	Black & White and Numbered 6
7	Black & White and Numbered 7
8	Black & White and Numbered 8
9	Black & White and Numbered 9
10	Black & White and Numbered 10
11	Black & White and Numbered 11
12	Black & White and Numbered 12
13	Black & White and Numbered 13
14	Black & White and Numbered 14
15	Black & White and Numbered 15
16	Black & White and Numbered 16
Communication	Orange

**Innershield:**

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

**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	18	7x26 mm

**Outerjacket 1:**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.836 in	0.064 in	Yes

**Electrical Characteristics**

**Conductor DCR:**

Element	Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
18 AWG	10.3 Ohm/1000ft	5.86 Ohm/1000ft	6 Ohm/1000ft
22 AWG		18 Ohm/1000ft	

**Current:**

### Max. Recommended Current [A]

2.5 Amps per conductor @ 25°C

### Voltage:

#### UL Voltage Rating

300 V RMS

### Use

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	725 lbs

### Safety

CSA 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
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### Mechanical Characteristics

Min Bend Radius/Minor Axis:	8.5 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
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

<b>Notes:</b>	Alternate color coding available upon request.
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