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**1476A**



**Multi-Conductor - 300V Power-Limited Tray Cable**

18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, individually shielded plus an overall Beldfoil (100% coverage), PVC insulation, PVC jacket.

**For more Information  
Please call**

**1-800-Belden1**



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## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1476A 0061000	1,000 FT	221.000 LB	BLUE, LIGHT	C	8 FSPR #18 + 1 #22 PVC FS PVC
1476A 0105000	5,000 FT	1,115.000 LB	BLACK	C Z	8 FS PR #18 + 1 #22 PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

## Physical Characteristics (Overall)

### Conductor

**AWG:**

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	8	18	7x26	BC - Bare Copper
1		22	7x30	BC - Bare Copper

**Total Number of Conductors:**

17

### Insulation

**Insulation Material:**

Insulation Material
PVC - Polyvinyl Chloride

## Inner Shield

### Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

### Inner Shield Drain Wire AWG:

AWG
20

Inner Shield Drain Wire Stranding: 7x28

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

## Outer Shield

### Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
18	7x26	TC - Tinned Copper

## Outer Jacket

### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.053

Outer Jacket Ripcord: Yes

## Overall Cable

Overall Nominal Diameter: 0.600 in.

## Pair

### Pair Color Code Chart:

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 7
7	Black & White and Numbered 7
8	Black & White and Numbered 8
Communication	Orange

## Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

<b>Bulk Cable Weight:</b>	222 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	501 lbs.
<b>Min. Bend Radius/Minor Axis:</b>	6 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	CMG, ITC-ER, PLTC-ER
<b>CEC/C(UL) Specification:</b>	CMG
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

### Flame Test

<b>UL Flame Test:</b>	UL1685 FT4 Loading
<b>CSA Flame Test:</b>	FT4
<b>IEEE Flame Test:</b>	1202

### Suitability

<b>Suitability - Indoor:</b>	Yes
<b>Suitability - Outdoor:</b>	Yes
<b>Suitability - Burial:</b>	Yes
<b>Sunlight Resistance:</b>	Yes

### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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## Surface Printing (Overall)

## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
18 AWG	5.86
22 AWG	14.7

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.47

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

10.300 Ohm/1000 ft

**Max. Operating Voltage - UL:**

**Voltage**

300 V RMS

**Max. Recommended Current:**

**Current**

2.5 Amps per conductor @ 25°C

## Notes (Overall)

**Notes:** Alternate color coding available upon request.

Close

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