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**1475A**



**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
1475A 0061000	1,000 FT	131.000 LB	BLUE, LIGHT	C	4 FS PR #18 + 1 #22 PVC FS PVC
1475A 0067500	7,500 FT	1,012.500 LB	BLUE, LIGHT	C	4 FS PR #18 + 1 #22 PVC FS PVC
1475A 0105000	5,000 FT	680.000 LB	BLACK	C Z	4 FS PR #18 + 1 #22 PVC FS PVC
1475A 0107500	7,500 FT	1,012.500 LB	BLACK	C Z	4 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
	4	18	7x26	BC - Bare Copper
1		22	7x30	BC - Bare Copper

**Total Number of Conductors:**

9

### 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: 0.473 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
Communication	Orange

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 132.600 lbs/1000 ft.

Max. Recommended Pulling Tension: 267 lbs.

Min. Bend Radius/Minor Axis: 4.750 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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

### Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4
IEEE Flame Test:	1202

### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

### Plenum/Non-Plenum

Plenum (Y/N):	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)
4.8

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**

3.5 Amps per conductor @ 25°C

**Notes (Overall)**

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

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