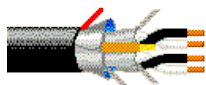


## 1474A Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	2	18	7x26	BC - Bare Copper
1		22	7x30	BC - Bare Copper

Total Number of Conductors: 5

#### 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: 0.410 in.

#### Pair

Pair Color Code Chart:

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

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 94 lbs/1000 ft.

Max. Recommended Pulling Tension: 149 lbs.

Min. Bend Radius/Minor Axis: 4 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. Capacitance Conductor to Conductor:

Capacitance (pF/ft)  
51

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)  
92

#### Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
18 AWG	6.7
22 AWG	16.5

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
6

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  
4 Amps per conductor @ 25°C

## Notes (Overall)

Notes: Alternate color coding available upon request.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1474A 0061000	1,000 FT	85.000 LB	BLUE, LIGHT	C	2 FS PR #18 +1 #22 PVC FS PVC
1474A 0067500	7,500 FT	667.500 LB	BLUE, LIGHT	C	2 FS PR #18 + 1 #22 PVC FS PVC

## ENGLISH MEASUREMENT VERSION

### 1474A Multi-Conductor - 300V Power-Limited Tray Cable

1474A 0107500	7,500 FT	667.500 LB	BLACK	C Z	2 FS PR #18 + 1 #22 PVC FS PVC
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**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.

Revision Number: 2    Revision Date: 05-17-2015

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