

## 1466A 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, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

### 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

#### 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: 0.455 in.

#### Pair

Pair Color Code Chart:

Number	Color
White and Numbered 4	Black & White and Numbered 1
Communication Wire	Black & White and Numbered 2
	Black & White and Numbered 3
	Black & White and Numbered 4
	Orange

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	106.300 lbs/1000 ft.
Max. Recommended Pulling Tension:	211 lbs.
Min. Bend Radius/Minor Axis:	4.500 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

## ENGLISH MEASUREMENT VERSION

### 1466A Multi-Conductor - 300V Power-Limited Tray Cable

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:

DCR @ 20°C (Ohm/1000 ft)

5.86

##### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.75

##### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Notes (Overall)

Notes: Alternate color coding available upon request.

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1466A 0107500	7,500 FT	907.500 LB	BLACK	C Z	4 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.

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