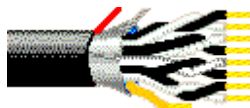


## 1466A Multi-Conductor - 300V Power-Limited Tray Cable



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 (mm)
PVC - Polyvinyl Chloride	1.3462

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 11.557 mm

**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: 158.196 Kg/Km

Max. Recommended Pulling Tension: 938.570 N

Min. Bend Radius/Minor Axis: 114.300 mm

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

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

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

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

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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Suitability - Burial:	Yes
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Sunlight Resistance:	Yes
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## Plenum/Non-Plenum

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

Surface Printing:	BELDEN 1466A E34972 4PR18 1C22 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG----FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET
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## Electrical Characteristics (Overall)

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
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19.2267
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## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
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15.5848
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## Max. Operating Voltage - UL:

Voltage
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300 V RMS
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## 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

## METRIC MEASUREMENT VERSION

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

**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: 3      Revision Date: 05-17-2015

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