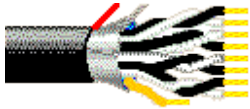


1466A Multi-Conductor - 300V Power-Limited Tray Cable

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

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)

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)	19.2267
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Nominal Outer Shield DC Resistance:

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

Voltage	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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