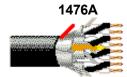
Print Preview

Show Metric



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



Put Ups and Colors:

Item ##	Putup	Ship Weight	Color	Notes	Item Desc
1476A 0061000	1,000 FT	221.000 LB	BLUE, LIGHT	С	8 FSPR #18 + 1 #22 PVC FS PVC
1476A 0105000	5,000 FT	1,115.000 LB	BLACK	CZ	8 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
	8	18	7x26	BC - Bare Copper
1		22	7x30	BC - Bare Copper

Total Number of Conductors:

17

Insulation

Insulation Material:

Insulation Material

PVC - Polyvinyl Chloride

Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Туре	Inner Shield Material	Coverage (%)
Beldfoil®	Таре	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		Туре	Outer Shield Material	Coverage (%)
ı	Beldfoil®	Таре	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: 0.600 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
5	Black & White and Numbered 5
6	Black & White and Numbered 7
7	Black & White and Numbered 7
8	Black & White and Numbered 8
Communication	Orange

Mechanical Characteristics (Overall)

Operating Temperature Range:

-30°C To +105°C

Bulk Cable Weight: 222 lbs/1000 ft.

Max. Recommended Pulling Tension: 501 lbs.

Min. Bend Radius/Minor Axis: 6 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):

EU Directive 2003/11/EC (BFR):

CA Prop 65 (CJ for Wire & Cable):

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:YesSuitability - Outdoor:YesSuitability - Burial:YesSunlight Resistance:Yes

Plenum/Non-Plenum

Plenum (Y/N): No

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)

4.47

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

2.5 Amps per conductor @ 25°C

Notes (Overall)

Notes: Alternate color coding available upon request.

Close

Revision Number: 3 Revision Date: 05-17-2015

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