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1032A



Multi-Conductor - 300V Power-Limited Tray Cable

18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

**For more Information
Please call**

1-800-Belden1



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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1032A 0061000	1,000 FT	31.000 LB	BLUE, LIGHT	C	2 #18 PVC FS PVC
1032A 00610000	10,000 FT	340.000 LB	BLUE, LIGHT	C	2 #18 PVC FS PVC
1032A 0065000	5,000 FT	150.000 LB	BLUE, LIGHT	C Z	2 #18 PVC FS PVC
1032A 0101000	1,000 FT	30.000 LB	BLACK	C	2 #18 PVC FS PVC
1032A 01010000	10,000 FT	330.000 LB	BLACK	C Z	2 #18 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:

# Pairs	AWG	Stranding	Conductor Material
1	18	7x26	BC - Bare Copper

Total Number of Conductors:

2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)

PVC - Polyvinyl Chloride 0.016

Insulation Color Code Chart:

Number	Color
1	Black & White

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
20	7x28	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.037

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Nominal Diameter:

0.237 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:

-30°C To +105°C

Bulk Cable Weight:

32.500 lbs/1000 ft.

Max. Recommended Pulling Tension:

26 lbs.

Min. Bend Radius/Minor Axis:

0.950 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:

CMG, ITC-ER, PLTC-ER

CEC/C(UL) Specification:

CMG

AWM Specification:

UL Style 2464 (300 V 80°C)

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 UL Loading
CSA Flame Test: FT4
IEEE Flame Test: 1202

Suitability

Suitability - Burial: No
Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance ($\mu\text{H}/\text{ft}$)

.19

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

51

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

95

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.86

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.07

Max. Operating Voltage - UL:

Voltage	Description
300 V RMS	PLTC, CMG
150 V RMS	ITC

Max. Recommended Current:

Current

8 Amps per conductor @ 25°C

Notes (Overall)

Notes: Alternate color coding available upon request.

Close

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