

1032A Multi-Conductor - 300V Power-Limited Tray Cable



For more Information
please call

1-800-Belden1

**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:**

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	7x26	BC - Bare Copper	.047

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
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 Cabling**Overall Nominal Diameter:**

0.233 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Black & White

Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
2.000	6.000

Mechanical Characteristics (Overall)**Operating Temperature Range:**

-30°C To +105°C

Bulk Cable Weight:

32.500 lbs/1000 ft.

Max. Recommended Pulling Tension:

67.200 lbs.

Min. Bend Radius (Install)/Minor Axis:

2.300 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	PLTC
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CEC/C(UL) Specification:	CMG
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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 - Burial:	No
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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)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/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

300 V RMS

Max. Recommended Current:

Current

8 Amps per conductor @ 25°C

Notes (Overall)

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Notes: Alternate color coding available upon request.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1032A 0061000	1,000 FT	32.000 LB	BLUE, LIGHT	C	2 #18 PVC FS PVC
1032A 00610000	10,000 FT	350.000 LB	BLUE, LIGHT	C	2 #18 PVC FS PVC
1032A 0065000	5,000 FT	160.000 LB	BLUE, LIGHT	C Z	2 #18 PVC FS PVC
1032A 010S1000	1,000 FT	32.000 LB	BLACK		2 #18 PVC FS PVC
1032A 0101000	1,000 FT	32.000 LB	BLACK	C	2 #18 PVC FS PVC
1032A 01010000	10,000 FT	390.000 LB	BLACK	C Z	2 #18 PVC FS PVC
1032A 0102500	2,500 FT	92.500 LB	BLACK		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.

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