

## 1032AE 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:**

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

Total Number of Conductors: 2

**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 Cable**

Overall Nominal Diameter: 0.246 in.

**Pair****Pair Color Code Chart:**

Number	Color
1	Black & White

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -30°C To +105°C

Max. Recommended Pulling Tension: 67.200 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMG, ITC, PLTC-ER

CEC/C(UL) Specification: CMG

## 1032AE Multi-Conductor - 300V Power-Limited Tray Cable

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): 09/13/2006

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; 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

Sunlight Resistance: Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (μH/ft)

.19

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

51

## Nom. Capacitance Cond. to Other Conductor &amp; 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

## Notes (Overall)

Notes: Alternate color coding available upon request.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1032AE 0101000	1,000 FT	35.000 LB	BLACK	C	2 #18 PVC FS PVC
1032AE 0105000	5,000 FT	175.000 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.

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