

## 1030CE Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1



### General Description:

16 AWG pairs stranded (7x24) bare copper conductors, twisted pairs, XLPE insulation, overall Beldfoil shield (100% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	16	7x24	BC - Bare Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
XLPE - Cross Linked Polyethylene	.016

#### 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 (in.)
PVC - Polyvinyl Chloride	.037

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black & White

Overall Nominal Diameter: 0.266 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +90°C

Max. Recommended Pulling Tension: 94 lbs.

Min. Bend Radius/Minor Axis: 2.700 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

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): 02/15/2007

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

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

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

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### Flame Test

UL Flame Test: UL1685 UL Loading

### Suitability

Sunlight Resistance: Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

.19

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3.7

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.1

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1030CE 0101000	1,000 FT	45.000 LB	BLACK	C	1 FS PR #16 XLPO PVC
1030CE 0105000	5,000 FT	220.000 LB	BLACK	C Z	1 FS PR #16 XLPO 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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