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please call

1-800-Belden1



## General Description:

Thermostat & Control Cable, Plenum-CMP, 1-18 AWG stranded tinned copper pair with foamed FEP insulation, Beldfoil® shield, Flamarrest® jacket

## Physical Characteristics (Overall)

### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	7x26	TC - Tinned Copper

Total Number of Conductors: 2

### Insulation

Insulation Material:

Insulation Material
FFEP - Foam Fluorinated Ethylene Propylene

### 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 Trade Name	Outer Jacket Material
Flamarrest®	Plenum Grade PVC - Polyvinyl Chloride

### Overall Cable

Overall Nominal Diameter: 0.232 in.

### Pair

Pair Color Code Chart:

Number	Color
1	Black & White

## Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 26 lbs/1000 ft.

Max. Recommended Pulling Tension: 67 lbs.

Min. Bend Radius/Minor Axis: 2.300 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

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): 02/01/2006

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

## 6340FT Multi-Conductor - Thermostat & Control

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:	UL910 Plenum
C(UL) Flame Test:	FT6

### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

.21

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

16.9

#### Nominal Velocity of Propagation:

VP (%)

78

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.6

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.900

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

8.1 Amps per conductor @ 25°C

#### Input/Unfitted Impedance:

Impedance (Ohm)

100 +/- 22

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6340FT 0011000	1,000 FT	32.000 LB	BROWN	C	1 FS PR #18 FFEP FLRST

#### Notes:

C = CRATE REEL PUT-UP.

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