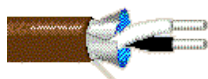


## 6660FT Multi-Conductor - Thermostat &amp; Control



For more Information  
please call

1-800-Belden1

**General Description:**

Thermostat & Control Cable, Plenum-CMP, 1-24 AWG solid tinned copper pair with foamed FEP insulation, Beldfoil® shield, Flamarrest® jacket

**Physical Characteristics (Overall)****Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	24	Solid	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
24	Solid	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: 0.128 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:	9.200 lbs/1000 ft.
Max. Recommended Pulling Tension:	15 lbs.
Min. Bend Radius/Minor Axis:	1.300 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

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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)

24.8

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.3

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

3.2 Amps per conductor @ 25°C

## Input/Unfitted Impedance:

Impedance (Ohm)

100 +/- 22

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6660FT 0011000	1,000 FT	11.000 LB	BROWN	C	1 FS PR #24 FFEP FLRST

## Notes:

C = CRATE REEL PUT-UP.

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