

6661PT Multi-Conductor - Thermostat & Control

For more Information
please call

1-800-Belden1

**Description:**

24 AWG solid tinned copper conductors, foam FEP insulation, twisted pairs, overall Beldfoil® shield (100% coverage), 24 AWG solid tinned copper drain wire, Flamarrest® jacket. Sequential footage marking every two feet.

Physical Characteristics (Overall)**Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
2	24	Solid	TC - Tinned Copper

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: 0.155 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Black & White
2	Green & Red

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	16.900 lbs/1000 ft.
Max. Recommended Pulling Tension:	30 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.600 in.

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

NEC/(UL) Specification: CMP

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CEC/C(UL) Specification:	CMP
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
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)

13.7

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 +/- 10

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6661PT 0011000	1,000 FT	18.000 LB	BROWN	C	2 PR #24 FFEP FS FLRST

Notes:

C = CRATE REEL PUT-UP.

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