



Product: 6661PT ☑

Thermostat & Control, #24-2pr, TC, Indiv. Foil, CMP

Product Description

Thermostat & Control Cable, Plenum-CMP, 2-24 AWG solid tinned copper pairs with foam FEP insulation, Individually Beldfoil® shielded and Flamarrest®

Technical Specifications

Product Overview

Suitab	ble Applications:			Thermostat, Control, Noisy Environment
Physical Characteristics (Overall)				
Conductor				
ondu	ctor			_
	Stranding	Material	No. of Pairs	I
		Material TC - Tinned Copper		

Material
FEP - Fluorinated Ethylene Propylene (Foam)

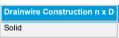
Color Chart

Number	Color
1	Black & White
2	Green & Red

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24

Outer Shield Material



Outer Jacket Material

Material Trade Name	Nominal Diameter
Flamarrest®	0.155 in

Electrical Characteristics

Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	
15.3 Ohm/1000ft	24.8 Ohm/1000ft	24.8 Ohm/1000ft	

Capacitance

Nom. Capacitance Conductor to Conductor 13.7 pF/ft

Inductance

Nominal Inductance
0.21 µH/ft

Impedance

Nominal Characteristic Impedance
100 Ohm

Delay

Max. Delay Skew 78 ns/100m

High Freq

Max./Min. Input Impedance (unFitted)
100 +/- 10 Ohm

Current

Max. Recommended Current [A]
3.2 Amps per Conductor at 25°C

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	16.9 lbs/1000ft
Max. Pull Tension:	30 lbs
Min Bend Radius/Minor Axis:	1.6 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-02-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor: Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

	Plenum (Y/N):	Yes
- 1		

Part Number

Variants

History

Update and Revision:	Revision Number: 0.244 Revision Date: 08-25-2020

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