



Product: 6660FT ☑

Thermostat & Control, #24-2c, TC, O/A Foil, CMP

# **Product Description**

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

## **Technical Specifications**

## **Product Overview**

Suitable Applications:				Thermostat, Control, Noisy Environment
Physical Characteristics (Overall)				
Conductor				
AWG	Stranding	Material	No. of Pairs	
24	Solid	TC - Tinned Copper	1	
Total N	Number of Pa	airs:		1
Insulation				
	-	Material		
FEP - Fluorinated Ethylene Propylene (Foam)			oam)	

#### **Color Chart**

Number	Color
1	Black & White

## Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Таре	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24	Solid

### Outer Jacket Material

Material Trade Name	Nominal Diameter
Flamarrest®	0.128 in

## **Electrical Characteristics**

### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
24.8 Ohm/1000ft	15.3 Ohm/1000ft

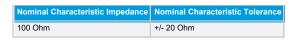
#### Capacitance



### Inductance

Nominal Inductance

#### Impedance



## Delay

Max. Delay Skew 78 ns/100m

## High Freq

Max./Min. Input Impedance (unFitted)
100 ± 22 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:	9.2 lbs/1000ft
Max. Pull Tension:	15 lbs
Min Bend Radius/Minor Axis:	1.3 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:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-02-01
MII Order #39 (China RoHS):	Yes

# Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
UL voltage rating:	300 V RMS

# Plenum/Non-Plenum

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Plenum (Y/N): Yes	

#### **Part Number**

Non-Plenum Number:	5660FT

### Variants

# History

Update and Revision:

Revision Number: 0.247 Revision Date: 09-30-2020

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