



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
hysical Ch	aracteristics (Ove	erall)	
onductor			
AWG Strandi	ıg Material	No. of Pairs	
24 Solid	TC - Tinned Copper	1	
Total Number of Pairs:			1
sulation			
	Material		
EED Elizational	d Ethylene Propylene (F	oam)	

Outer Shield Material

Black & White

Тур	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Таре	Alum / Poly	Beldfoil®	100%	TC - Tinned Copper	24	Solid

Outer Jacket Material

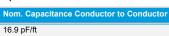
Material Trade Name	Nominal Diameter
Flamarrest®	0.128 in

Electrical Characteristics

Conductor DCR

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

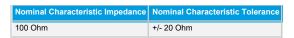
Capacitance



Inductance



Impedance



Delay

Max. Delay Skew	Nominal Velocity of Propagation (VP) [%]
78 ns/100m	78%

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

Plenum (Y/N):	

Part Number

Non-Plenum Number:	5660FT	

Variants

History

Update and Revision:

Revision Number: 0.245 Revision Date: 06-08-2020

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