



**Product:** [5340FT](#) 

Thermostat & Control, #18-2c, TC, O/A Foil, CMR

### Product Description

Thermostat & Control Cable, Riser-CMR, 1-18 AWG stranded tinned copper pair with foam polyolefin insulation, Beldfoil® shield, PVC jacket

### Technical Specifications

Bulk Cable Weight:	26 lbs/1000ft
Max. Pull Tension:	67 lbs
Min Bend Radius/Minor Axis:	2.6 in

### Standards

NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	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:	FT4
UL Flammability:	UL1666 Riser
UL voltage rating:	300 V RMS

### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6340FT

### Part Number

#### Variants

Item #	Color	UPC
5340FT 0011000	Brown	612825161110

Footnote:	C - CRATE REEL PUT-UP.
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### History

Update and Revision:	Revision Number: 0.244 Revision Date: 06-08-2020
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### Product Overview

Suitable Applications:	Thermostat, Control, Noisy Environment
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## Physical Characteristics (Overall)

### Conductor

AWG	Stranding	Material	No. of Pairs
18	7x26	TC - Tinned Copper	1

Conductor Count:	2
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### Insulation

Material	Material Trade Name
PE - Polyethylene (Foam)	Datalene®

### 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
Tape	Alum / Poly	Beldfoil®	100%	TC - Tinned Copper	18	Solid

### Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.26 in

## Electrical Characteristics

### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
6.6 Ohm/1000ft	16.9 Ohm/1000ft

### Capacitance

Nom. Capacitance Conductor to Conductor
16.9 pF/ft

### Inductance

Nominal Inductance
0.21 µH/ft

### Impedance

Nominal Characteristic Impedance	Nominal Characteristic Tolerance
100 Ohm	± 22 Ohm

### Delay

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

### Current

Max. Recommended Current [A]
8.1 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

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