

**Part Number: 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

### Physical Characteristics (Overall)

#### Conductor

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

Conductor Count:	2
Conductor Size:	18 AWG

#### Insulation

Material	Material Trade Name
FHDPE - Foamed High Density Polyethylene	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	Aluminum/Polyester	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

Shielding:	Foil(s) or Copper Tape(s)
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#### 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 @ 25°C A

#### 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:	26 lbs/1000ft
Max Recommended Pulling Tension:	67 lbs
Min Bend Radius/Minor Axis:	2.6 in

#### Standards

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	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
CA Prop 65 (CJ for Wire & Cable):	Yes
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	Footnote
5340FT 0011000	Brown	C

Footnote:	C - CRATE REEL PUT-UP.
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