



**Product:** [5540FT](#)

Thermostat & Control, #22-2c, TC, O/A Foil, CMR

### Product Description

Thermostat & Control Cable, Riser-CMR, 1-22 AWG stranded tinned copper pair with foam polyolefin insulation, Beldfoil® shield, PVC jacket

### Technical Specifications

#### Product Overview

Suitable Applications:	Thermostat, Control, Noisy Environment
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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code	Notes
Pair(s)	PE - Polyethylene (Foam)	0.018 in (0.46 mm)	0.064 in (1.6 mm)	Black & White	HDPE

##### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	0.172 in

Overall Cable Diameter (Nominal):	0.172 in
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#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Velocity of Prop.	Max. Current
17.9 Ohm/1000ft	16.9 pF/ft (55.4 pF/m)	78%	2.8 Amps per Conductor at 25°C

##### Voltage

UL Voltage Rating
300 V

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

##### Bend Radius

Stationary Min.	Installation Min.
1.72 in (43.7 mm)	1.72 in

Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	13 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6540FT

## History

Update and Revision:	Revision Number: 0.336 Revision Date: 05-05-2023
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## Part Numbers

### Variants

Item #	Color	UPC
5540FT 0011000	Brown	612825164234

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