



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	No. of Elements	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: 0.340 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	UPC	Footnote
5540FT 0011000	Brown	612825164234	C

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