



Product: [6540FT](#) 

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

Product Description

Thermostat & Control Cable, Plenum-CMP, 1-22 AWG stranded tinned copper pair with foam FEP insulation, Beldfoil® shield, Flamarrest® 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
Pair(s)	FEP - Fluorinated Ethylene Propylene (Foam)	0.0175 in (0.445 mm)	0.064 in mm	Black & White

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	0.015 in (0.38 mm)	0.162 in

Overall Cable Diameter (Nominal):	0.162 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Nom. Velocity of Prop.	Max. Current
17.85 Ohm/1000ft	16.9 pF/ft (55.4 pF/m)	0.21 µH/ft (0.69 µH/m)	78%	2.8 Amps per Conductor at 20°C

Nom Outer Shield DCR:	11.8 Ohm/1000ft (38.7 Ohm/km)
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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.
1.62 in (41.1 mm)	1.62 in

Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	14 lbs/1000ft

Standards and Compliance

Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP.
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.336 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	UPC
6540FT 0011000	Brown	612825178217

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