Belden



Product: 6340FT

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

Product Description

Thermostat & Control Cable, Plenum-CMP, 1-18 AWG stranded tinned copper pair with foam FEP insulation, Beldfoil® shield, Flamarrest® jacket

Technical Specifications

Product Overview

Suitable Applications:	Thermostat, Control, Noisy Environment

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	18	7x26	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
FEP - Fluorinated Ethylene Propylene (Foam)	0.0265 in (0.673 mm)	0.099 in (2.5 mm)	Black and White

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (7x26) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
FEP - Fluorinated Ethylene Propylene	0.015 in (0.38 mm)	0.232 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Nom. Velocity of Prop.	Max. Current
7.1 Ohm/1000ft	16.9 pF/ft (55.4 pF/m)	0.21 µH/ft (0.69 µH/m)	78%	4.8 Amps per Conductor at 25ºC

Nom Outer Shield DCR@Cond DCR1-cnv:	0.84 Ohm/1000ft (2.8 Ohm/km)

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.
2.32 in (58.9 mm)	2.32 in

Max. Pull Tension:	67 lbs (30 kg)

Bulk Cable Weight:	30 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark

History

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

Part Numbers

Variants

Item #	Color	UPC	Footnote
6340FT 0011000	Brown	612825176244	C

Footnote:	C - CRATE REEL PUT-UP.

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