



Product: [5341PT](#)

Thermostat & Control, #18-2pr, TC, Individ. Foil, CMR

Product Description

Thermostat & Control Cable, Riser-CMR, 2-18 AWG stranded tinned copper pairs with foam polyolefin insulation, Individually Beldfoil® shielded and PVC jacket with ripcord

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)	2	18	7x26	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code	Notes
PE - Polyethylene (Foam)	0.0265 in (0.673 mm)	0.099 in (2.5 mm)	Black and White, Green and Red	HDPE

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
PVC - Polyvinyl Chloride	0.029 in (0.74 mm)	0.308 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Velocity of Prop.	Max. Current
7.1 Ohm/1000ft	16.9 pF/ft (55.4 pF/m)	78%	3.8 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.
3.08 in (78.2 mm)	3.08 in

Max. Pull Tension:	112 lbs (50.8 kg)
Bulk Cable Weight:	54 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1666 riser, FT4
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6341PT

History

Update and Revision:	Revision Number: 0.333 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	UPC
5341PT 0011000	Brown	612825161202

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