



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
------------------------	--

Construction Details

Conductor

Element	No. of Elements	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. 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%	3.8 Amps per Conductor at 25°C
Nom Outer Shield DCR:		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.
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: 0.339 Revision Date: 09-07-2025
----------------------	--

Part Numbers

Variants

Item #	Color	UPC	Footnote
5341PT 0011000	Brown	612825161202	C

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

© 2026 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.