Product: 5341PT

Thermostat & Control, #18-2pr, TC, Indiv. 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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
18	7x26	TC - Tinned Copper	2

Conductor Count:	4

Insulation

Material	Material Trade Name
PE - Polyethylene (Foam)	Datalene®

Color Chart

Number	Color
1	Black & White
2	Green & Red

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	18	7x26
	Tinned Copper (TC)				

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.308 in

Electrical Characteristics

Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
5.3 Ohm/1000ft	6.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
16.9 pF/ft

Inductance

Nominal Inductance

0.21 µH/ft

Delay

Max. Delay Skew
78 ns/100m

High Freq

Max./Min. Input Impedance (unFitted)
100 Ohm

Current

Max. Recommended Current [A]
8.1 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	54 lbs/1000ft
Max. Pull Tension:	134 lbs
Min Bend Radius/Minor Axis:	3.1 in

Standards

NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-02-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Riser
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6341PT

Part Number

Variants

Item #	Color	UPC
5341PT 0011000	Brown	612825161202

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.255 Revision Date: 08-25-2020

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