



Product: <u>5340FT</u> ☑

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

Product Description

Thermostat & Control Cable, Riser-CMR, 1-18 AWG stranded tinned copper pair with foam polyolefin insulation, Beldfoil® shield, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:					Thermostat, Control, Noisy Environment
Physi	ical Char	acteri	stics (Ove	erall)	
Conduc	ctor				
AWG	Stranding	N	/laterial	No. of Pairs	
18	7x26	TC - Ti	inned Copper	1	
Condu	ctor Count:				2
Insulati	ion				
Material Material Trade Name		de Name			
PE - Polyethylene (Foam) Datalene®					
Color C					

Outer Shield

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

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.26 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
6.6 Ohm/1000ft	16.9 Ohm/1000ft

Capacitance

Nom. Capa	itance Conductor to Conductor
16.9 pF/ft	

Inductance

Nominal Inductance

Impedance



Delay

Max. Delay Skew	Nominal Velocity of Propagation (VP) [%]
78 ns/100m	78%

Current

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

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	26 lbs/1000ft
Max. Pull Tension:	67 lbs
Min. Bend Radius/Minor Axis:	2.6 in

Standards

NEC/(UL) Compliance:	СМ	R
CEC/C(UL) Compliance:	СМ	G

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Riser
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6340FT

Related Part Numbers

Variants

Item #	Color	UPC	
5340FT 0011000	Brown	612825161110	
3401 1 0011000	DIOWII	01202310111	
Footnote:	Footnote:		

History

Update and Revision:	Revision Number: 0.330 Revision Date: 02-03-2025

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