

5340FT Multi-Conductor - Thermostat & Control



For more Information
please call

1-800-Belden1



Description:

18 AWG stranded (7x26) tinned copper conductors, Datalene® insulation, twisted pairs, overall Beldfoil® shield (100% coverage), 18 AWG stranded tinned copper drain wire, PVC jacket. Sequential footage marking every two feet.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	7x26	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material
Datalene®	FHDPE - Foam High Density Polyethylene

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
18	7x26		TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.260 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & White

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 29.800 lbs/1000 ft.

Max. Recommended Pulling Tension: 67 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.600 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

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CEC/C(UL) Specification: CMG

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 02/01/2006

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL1666 Riser

C(UL) Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6340FT

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)	Tolerance (Ohms)
100	+/- 22

Nom. Inductance:

Inductance (µH/ft)
.21

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
16.9

Nominal Velocity of Propagation:

VP (%)
78

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.6

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
5.7

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
8.1 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5340FT 0011000	1,000 FT	34.000 LB	BROWN	C	1 FS PR #18 FHDPE FRPVC

Notes:

C = CRATE REEL PUT-UP.

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