

5342FE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductors, PVC insulation, conductors twisted into pairs, multiple pairs cabled together, overall Beldfoil® shield (foil side out) and drain wire, overall PVC jacket with rip cord. Sequential footage marking every two feet.

Physical Characteristics (Overall)**Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
3	18	7x26	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

Outer Shield**Outer Shield Material:**

Outer Shield Trade Name	Outer Shield Material
Beldfoil®	Aluminum Foil-Polyester Tape

Outer Shield Drain Wire AWG:

AWG	Drain Wire	Conductor Material
20	TC - Tinned Copper	

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.015

Overall Cable

Overall Nominal Diameter: 0.275 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Black & Red
2	Black & White
3	Black & Green

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 51.200 lbs/1000 ft.

Max. Recommended Pulling Tension: 148.400 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.900 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): 04/01/2005

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 Vertical Shaft

CSA Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6342FE

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

38

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

68.4

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.55

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.9

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

3.5 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
5342FE 0081000	1,000 FT	48.000 LB	GRAY	C	3 PR #18 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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Revision Number: 1 Revision Date: 05-14-2007

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