

5341FE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductors, PP 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
2	18	7x26	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.007

Outer Shield**Outer Shield Material:**

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
24	7x32	TC - Tinned Copper	

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

Overall Cable

Overall Nominal Diameter: 0.250 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Black & Red
2	Black & White

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +70°C

Bulk Cable Weight: 37.900 lbs/1000 ft.

Max. Recommended Pulling Tension: 103.600 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.500 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

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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
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Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
29.000

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
52.250

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.55

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
13.100

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
4 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
5341FE 008U1000	1,000 FT	35.000 LB	GRAY		2 PR #18 PP FS FRPVC
5341FE 0081000	1,000 FT	36.000 LB	GRAY	C	2 PR #18 PP FS FRPVC
5341FE 008500	500 FT	21.000 LB	GRAY	C	2 PR #18 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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