

## 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

## 5341FE Multi-Conductor - Commercial Applications

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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Revision Number: 2    Revision Date: 06-27-2008

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