# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



# 5341FE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



# **General Description:**

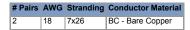
Security & Alarm Cable, Riser-CMR, 2-18 AWG stranded bare copper pairs with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

4

# **Physical Characteristics (Overall)**

# Conductor

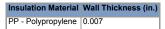
AWG:



Total Number of Conductors:

#### Insulation

Insulation Material:



#### **Outer Shield**

Outer Shield Material:

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

# Outer Shield Drain Wire AWG:

	_	Drain Wire Conductor Material
24	Solid	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:	33 lbs/1000 ft.
Max. Recommended Pulling Tension:	103.600 lbs.
Min. Bend Radius/Minor Axis:	2.500 in.

# **Applicable Specifications and Agency Compliance (Overall)**

# **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
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

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	EU Directive 2003/11/EC (BFR):	Yes
	CA Prop 65 (CJ for Wire & Cable):	Yes
	MII Order #39 (China RoHS):	Yes
Fla	me Test	
	UL Flame Test:	UL1666 Vertical Shaft
	CSA Flame Test:	FT4
Ple	num/Non-Plenum	

### 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)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 13.100

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Description		Current			
	10C Temperature Rise	4 Amps per conductor @ 25°C ambient			

# **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	С	2 PR #18 PP FS FRPVC
5341FE 008500	500 FT	21.000 LB	GRAY	С	2 PR #18 PP FS FRPVC

Notes: C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 08-20-2013

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product.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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**Authorized Distributor** 

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Belden Wire & Cable: 5341FE 0081000 5341FE 008500