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

Physical Characteristics (Overall)

Conductor

AWG:

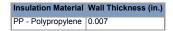
# Pairs	AWG	Stranding	Conductor Material
2	18	7x26	BC - Bare Copper

Total Number of Conductors:

4

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:

AWG	Stranding	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	
Flame Test		
UL Flame Test:	UL1666 Vertical Shaft	
UL Flame Test:	UL1666 Vertical Shaft FT4	

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 0081200	1,200 FT	43.200 LB	GRAY		2 PR #18 PP FS FRPVC
5341FE 0081500	1,500 FT	54.000 LB	GRAY		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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