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please call

1-800-Belden1



General Description:

Security & Alarm Cable, Riser-CMR, 2-22 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	22	7x30	BC - Bare Copper

Total Number of Conductors: 4

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	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: 0.189 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
Bulk Cable Weight:	17 lbs/1000 ft.
Max. Recommended Pulling Tension:	41.900 lbs.
Min. Bend Radius/Minor Axis:	1.900 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

5541FE Multi-Conductor - Commercial Applications

EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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Mil Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL1666 Vertical Shaft
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CSA Flame Test:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	6541FE
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Electrical Characteristics (Overall)**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

24.000

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

43.250

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.3

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

13.9

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.2 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5541FE 008U1000	1,000 FT	18.000 LB	GRAY		2 PR #22 PO FS FRPVC
5541FE 0081000	1,000 FT	20.000 LB	GRAY	C	2 PR #22 PO FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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

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Электрон
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