

5202FE Multi-Conductor - Commercial Applications

For more Information
please call

1-800-Belden1

**General Description:**

Security & Alarm Cable, Riser-CMR, 4-16 AWG stranded bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
4	16	19x29	BC - Bare Copper

Total Number of Conductors: 4

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.008

Outer Shield**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

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

Outer Jacket Ripcord: Yes

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (in.)	Direction	Twists (twist/ft)
3.000	Left Hand	4.000

Overall Cabling Color Code Chart:

Color
Black
Red
White
Green

Overall Nominal Diameter: 0.214 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 44 lbs/1000 ft.

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Max. Recommended Pulling Tension:	146.300 lbs.
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Min. Bend Radius/Minor Axis:	2.125 in.
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Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMR
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NEC Articles:	800
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CEC/C(UL) Specification:	CMG
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EU Directive 2011/65/EU (ROHS II):	Yes
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII 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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Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	6202FE
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Surface Printing (Overall)**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

30.500

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

55.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.0

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

14.400

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Description	Current
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10C Temperature Rise	5 Amps per conductor @ 25°C ambient
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Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
5202FE 0081000	1,000 FT	46.000 LB	GRAY	C	4 #16 PP FS FRPVC
5202FE 008500	500 FT	23.500 LB	GRAY		4 #16 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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