# **Detailed Specifications & Technical Data**



## 5402FE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



### **General Description:**

Security & Alarm Cable, Riser-CMR, 4-20 AWG stranded bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Physical Characteristics (Overall)		
Conductor AWG:		
# Conductors AWG Stranding Conductor Material		
4 20 7x28 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   Beldfoil® Tape Aluminum Foil-Polyester Tape w/	/Shorting Fold 100	
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		
Outer Jacket Ripcord:	Yes	
Overall Cable Overall Cabling Color Code Chart:		
Color Black Red White Green		
Overall Nominal Diameter:	0.163 in.	
Mechanical Characteristics (Overall)		
Operating Temperature Range:	-20°C To +75°C	
UL Temperature Rating:	75°C	
Bulk Cable Weight:	22 lbs/1000 ft.	
Max. Recommended Pulling Tension:	59.500 lbs.	
Min. Bend Radius/Minor Axis:	1.750 in.	
Applicable Specifications and Agency Compliance (	Overall)	
Applicable Standards & Environmental Programs		
NEC/(UL) Specification:	CMR	
NEC Articles:	800	
CEC/C(UL) Specification:	CMG	
EU Directive 2011/65/EU (ROHS II):	Yes	
EU CE Mark:	Yes	

## **Detailed Specifications & Technical Data**



### ENGLISH MEASUREMENT VERSION

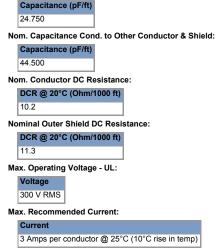
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EU Directive 2002/95/EC (RoHS):	Yes	
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005	
EU Directive 2002/96/EC (WEEE):	Yes	
EU Directive 2003/11/EC (BFR):	Yes	
CA Prop 65 (CJ for Wire & Cable):	Yes	
MII Order #39 (China RoHS):	Yes	
ame Test		
UL Flame Test:	UL1666 Vertical Shaft	
CSA Flame Test:	FT4	
lenum/Non-Plenum		
Plenum (Y/N):	No	
Plenum Number:	6402FE	

#### Surface Printing (Overall)

#### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:



#### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5402FE 008U1000	1,000 FT	24.000 LB	GRAY		4 #20 PP FS FRPVC
5402FE 008U500	500 FT	12.000 LB	GRAY		4 #20 PP FS FRPVC
5402FE 0081000	1,000 FT	23.000 LB	GRAY	С	4 #20 PP FS FRPVC
5402FE 008500	500 FT	11.500 LB	GRAY		4 #20 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).