Detailed Specifications & Technical Data



5402FE Multi-Conductor - Commercial Applications

For more Information please call

1-800-Belden1



Description:

20 AWG bare copper conductors, PP insulation, cabled, Beldfoil® shield tape (foil side out) with drain wire, PVC jacket with ripcord. Sequential footage marking every two feet.

Physical Characteristics (Overall)	
Conductor AWG:	
AWG: # Conductors AWG Stranding Conductor Material	
4 20 7x28 BC - Bare Copper	
Insulation	
Insulation Material:	
Insulation MaterialWall Thickness (in.)PP - Polypropylene0.007	
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 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 Lay Length & Direction:	
Length (in.) Twists (ft.) 3 4	
Overall Cabling Color Code Chart:	
Color	
Black	
Red White	
Green	
Overall Nominal Diameter:	0.159 in.
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	24 lbs/1000 ft.
Max. Recommended Pulling Tension:	59.500 lbs.

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Min. Bend Radius (Install)/Minor Axis:	
pplicable Specifications and Agency C	
Applicable Standards & Environmental Prog	grams
NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
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
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
lame Test	
UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4
Plenum/Non-Plenum	
Plenum (Y/N):	No
Plenum Number:	6402FE

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

26.000

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

46.750

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.2

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

11.3

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

3 Amps per conductor @ 25°C (10°C rise in temp)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5402FE 008U1000	1,000 FT	23.000 LB	GRAY		4 #20 PP FS FRPVC

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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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