Detailed Specifications & Technical Data



5545FE Multi-Conductor - Commercial Applications

For more Information please call

1-800-Belden1



Description:

22 AWG bare copper conductors, PP insulation, conductors twisted into pairs, multiple pairs cabled together, overall Beldfoil® shield (foil side out) and drain wire, overall PVC jacket with rip cord. Sequential footage marking every two feet.

Physical Characteristics (Overall) Conductor AWG: # Pais AWG Stranding Conductor Material B 22 X30 BC-Bare Copper Insulation Material Insulation Material Wall Thickness (in) PP-Polypropylene 0.007 Outer Shield Material: Outer Shield Material: Outer Shield Material: Outer Shield Trafe Name Outer Shield Material Bedfoli® Aluminum Foil-Polyester Tape Outer Shield Trafe Name Outer Shield Material Bedfoli® Aluminum Foil-Polyester Tape Outer Shield Trafe Name Outer Shield Material 24 TC - Tinned Copper Outer Jacket Outer Jacket Material: Outer Jacket Material:		
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3Black & Green4Black & Blue5Black & Yellow6Black & Brown	1 Black & Red	
3Black & Green4Black & Blue5Black & Yellow6Black & Brown	2 Black & White	
5 Black & Yellow 6 Black & Brown		
6 Black & Brown	4 Black & Blue	
6 Black & Brown		
	5 Black & Yellow	
lechanical Characteristics (Overall)		
Operating Temperature Range: -20°C To +75°C		

Operating Temperature Range:	-20°C To +75°C		
Bulk Cable Weight:	44.100 lbs/1000 ft.		
Max. Recommended Pulling Tension:	114.700 lbs.		
Min. Bend Radius (Install)/Minor Axis:	2.500 in.		

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ENGLISH MEASUREMENT VERSION

5545FE Multi-Conductor - Commercial Applications

NEC/(UL) Specification:	cams CMR		
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		
ame Test			
UL Flame Test:	UL1666 Vertical Shaft		
CSA Flame Test:	FT4		
enum/Non-Plenum			
Plenum (Y/N):	No		
Plenum Number:	6545FE		

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

25.750

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

46.500

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.3

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

14.400

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 2 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5545FE 0081000	1,000 FT	43.000 LB	GRAY	С	6 PR #22 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.



ENGLISH MEASUREMENT VERSION

5545FE Multi-Conductor - Commercial Applications

Revision Number: 3 Revision Date: 04-06-2009

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