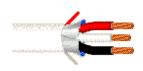
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

6301FE Multi-Conductor - Commercial Audio Systems



For more Information please call

1-800-Belden1



Description:

18 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Overall Beldfoil® tape shield (foil side out) and drain wire, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

s (in.)

Usage (Overall)

Suitable Applications:

Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls

Physical Characteristics (Overall)

Conductor AWC

11	NG:			
	# Conductors	AWG	Stranding	Conductor Material
	3	18	7x26	BC - Bare Copper

3 |18 7x26

Insulation

In	sulation Material:		
	Insulation Trade Name	Insulation Material	Wall Thicknes
	Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.009

Outer Shield

0	Objetal	Matanial
Outer	Snieiu	Material:

Outer Shield Trade Name Type		Туре	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 TC - Tinned Copper 7x32

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name Outer Jacket Material		Nom. Wall Thickness (in.)	
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015	

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White

Overall Nominal Diameter:

0.172 in.

Me	Mechanical Characteristics (Overall)					
	Operating Temperature Range:	0°C To +75°C				
	UL Temperature Rating:	75°C				
	Bulk Cable Weight:	28.100 lbs/1000 ft.				
	Max. Recommended Pulling Tension:	81.200 lbs.				
	Min. Bend Radius (Install)/Minor Axis:	1.750 in.				

Min. Bend Radius (Install)/Minor Axis:

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Applicable Standards & Environmental Programs		
NEC/(UL) Specification:	CMP	
NEC Articles:	800	
CEC/C(UL) Specification:	СМР	
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:	NFPA 262	
C(UL) Flame Test:	FT6	
enum/Non-Plenum		
Plenum (Y/N):	Yes	
Non-Plenum Number:	5301FE	

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

70

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

126

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.900

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 5 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
6301FE 877U1000	1,000 FT	30.000 LB	NATURAL		3 #18 FLRST FS FLRST
6301FE 877U500	500 FT	15.500 LB	NATURAL		3 #18 FLRST FS FLRST
6301FE 8771000	1,000 FT	31.000 LB	NATURAL	С	3 #18 FLRST FS FLRST

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Notes: C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 06-06-2008

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