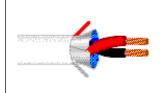


6300FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled





For more information please call 1-800-Belden1

See Put-ups and Colors

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.

SUITABLE APPLICATIONS:

Suitable Applications	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited
11	Controls

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	18
Stranding	7x26
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material Trade Name	Flamarrest®
Insulation Material	LS PVC - Low Smoke Polyvinylchloride
Nom. Insulation Wall Thickness	.009 in.

OVERALL CABLING:

Overall Cabling Color Code Chart:

Number	Color	Number	Color
1	Black	2	Red

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
Outer Shield %Coverage	100 %
Outer Shield Drain Wire AWG	20
Outer Shield Drain Wire Stranding	7x28
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:



6300FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

Outer Jacket Material Trade Name	Flamarrest®
Outer Jacket Material	LS PVC - Low Smoke Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.015 in.
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .162 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	0°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	21.4 lbs/1000 ft.
Max. Recommended Pulling Tension	57 lbs.
Min. Bend Radius (Install)	1.6 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
NEC Articles	800
CEC/C(UL) Specification	CMP
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

UL Flame Test	NFPA 262
C(UL) Flame Test	FT6

PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
Non-Plenum Number	5300FE

ELECTRICAL CHARACTERISTICS:

Nom. Inductance	.15 μH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	70 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	126 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	6.4 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	7.6 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	5 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

T4	D	D-4 II- (64)	Cl. to XX at a late (library)	To allow Calles	NT - 4
Item	Description	Put-Un (ft.)	Shin Weight (lhs)	Llacket Color	Notes

Detailed Specifications & Technical Data



6300FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

6300FE 008U1000	2 #18 FLRST FS FLRST	U1000	23	GRAY	
6300FE 009U1000	2 #18 FLRST FS FLRST	U1000	23	WHITE	
6300FE 010U1000	2 #18 FLRST FS FLRST	U1000	23	BLACK	
6300FE 877C500	2 #18 FLRST FS FLRST	C500	11	NATURAL	
6300FE 8771000	2 #18 FLRST FS FLRST	1000	23	NATURAL	С
6300FE 877500	2 #18 FLRST FS FLRST	500	12	NATURAL	
6300FE 877U1000	2 #18 FLRST FS FLRST	U1000	23	NATURAL	
6300FE 877U500	2 #18 FLRST FS FLRST	U500	12	NATURAL	

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-05-2005

© Copyright 2006 Belden, Inc All Rights Reserved.

Although Belden ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Directive 2002/95/EC, 27-Jan-2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.