



5500FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

		<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
---	--	---

Description:

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

SUITABLE APPLICATIONS:

Suitable Applications	Intercom/PA Systems, Sound/Audio Systems
-----------------------	--

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	22
Stranding	7x30
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

OVERALL CABLING:

Overall Cabling Lay Length	2.5 in.
Overall Cabling Twists/ft.	4.8

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	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

5500FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.015 in.
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.130 in.
--------------------------	----------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	10.4 lbs/1000 ft.
Max. Recommended Pulling Tension	23.7 lbs.
Min. Bend Radius (Install)	1.3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMR
NEC Articles	800
CEC/C(UL) Specification	CMG
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	UL1666 Vertical Shaft
C(UL) Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	6500FE

ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz	46 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	82.8 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	16.1 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	16.1 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2.8 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5500FE 001U1000	2 #22 PVC FS FRPVC	U1000	12	BROWN	

5500FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

5500FE 0081000	2 #22 PVC FS FRPVC	1000	12	GRAY	
5500FE 008500	2 #22 PVC FS FRPVC	500	6.5	GRAY	
5500FE 008C500	2 #22 PVC FS FRPVC	C500	5.5	GRAY	
5500FE 008U1000	2 #22 PVC FS FRPVC	U1000	12	GRAY	
5500FE 008U500	2 #22 PVC FS FRPVC	U500	6.5	GRAY	
5500FE 009U1000	2 #22 PVC FS FRPVC	U1000	12	WHITE	
5500FE 010U1000	2 #22 PVC FS FRPVC	U1000	12	BLACK	

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 & Cable Mfgs. (San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (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.