Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5520FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information please call

1-800-Belden1



Description:

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

Usage (Overall)

Suitable Applications:

Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

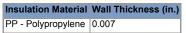
Conductor

AWG:

ı	# Conductors	AWG	Stranding	Conductor Material
	2	22	Solid	BC - Bare Copper

Insulation

Insulation Material:



Outer Shield

Outer Shield Material:

Outer Shield Trade Name Type		Type	Outer Shield Material	Coverage (%)
	Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

Yes

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	Solid	TC - Tinned Copper

Outer Jacket

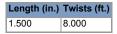
Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

Outer Jacket Ripcord:

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.118 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C		
UL Temperature Rating:	75°C		
Bulk Cable Weight:	13.100 lbs/1000 ft.		
Max. Recommended Pulling Tension:	23.400 lbs.		

Page 1 of 3 01-06-2012

Detailed Specifications & Technical Data





5520FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

	Min. Bend Radius (Install)/Minor Axis:	1.250 in.					
Applicable Specifications and Agency Compliance (Overall)							
Αp	Applicable Standards & Environmental Programs						
	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					
Fla	ame Test						
	UL Flame Test:	UL1666 Vertical Shaft					
	C(UL) Flame Test:	FT4					
Plenum/Non-Plenum							
	Plenum (Y/N):	No					

6520FE

Surface Printing (Overall)

Plenum Number:

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft) 0.170

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 40.000

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft) 72.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15.7

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 17.900

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
2.8 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Page 2 of 3 01-06-2012

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5520FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5520FE 008C1000	1,000 FT	11.000 LB	GRAY		2 #22 PP FS FRPVC
5520FE 008U1000	1,000 FT	10.000 LB	GRAY		2 #22 PP FS FRPVC
5520FE 0081000	1,000 FT	10.000 LB	GRAY		2 #22 PP FS FRPVC

Revision Number: 2 Revision Date: 05-14-2010

© 2012 Belden, Inc All Rights Reserved.

Although 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. 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 this 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.