

**6302FE Non-Paired - Commercial Applications**

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

**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 Controls
-----------------------	--

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Conductors	4
Total Number of Conductors	4
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	3	White
2	Red	4	Green

**OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
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:**

**6302FE Non-Paired - Commercial Applications**

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	.188 in.
--------------------------	----------

**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	0°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	35.3 lbs/1000 ft.
Max. Recommended Pulling Tension	82 lbs.
Min. Bend Radius (Install)	1.87 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	5302FE

**ELECTRICAL CHARACTERISTICS:**

Nom. Capacitance Conductor to Conductor @ 1 KHz	42 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	76 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	6.5 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	7.3 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	4 Amps per conductor @ 25°C

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
6302FE 8771000	4 #18 FLRST FS FLRST	1000	37	NATURAL	C

**6302FE Non-Paired - Commercial Applications**

6302FE 877500	4 #18 FLRST FS FLRST	500	19	NATURAL	
6302FE 877C250	4 #18 FLRST FS FLRST	C250	8.75	NATURAL	
6302FE 877U1000	4 #18 FLRST FS FLRST	U1000	37	NATURAL	
6302FE 877U500	4 #18 FLRST FS FLRST	U500	19.5	NATURAL	

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 09-28-2005

© 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.