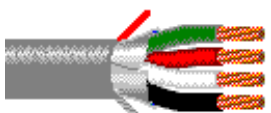




## 6302FE Non-Paired - Commercial Applications

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



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

**OUTER JACKET:**

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.
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**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



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

**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 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

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