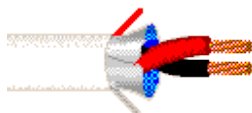


## 6200FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



### Description:

16 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.

### Usage (Overall)

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

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	19x29	BC - Bare Copper

#### Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.009

#### Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

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

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

Outer Jacket Ripcord: Yes

#### Overall Cabling

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
3	4.0

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.184 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 31 lbs/1000 ft.

## 6200FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Max. Recommended Pulling Tension:	85.500 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.900 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMP
NEC Articles:	800
CEC/C(UL) Specification:	CMP
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

#### Flame Test

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

#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Plenum Number:	5200FE

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

#### Max. Operating Voltage - UL:

Voltage

#### Max. Recommended Current:

Current

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6200FE 8771000	1,000 FT	33.000 LB	NATURAL	C	2 #16 FLRST FS FLRST

ENGLISH MEASUREMENT VERSION

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## 6200FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

6200FE 877500	500 FT	16.500 LB	NATURAL		2 #16 FLRST FS FLRST
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**Notes:**

C = CRATE REEL PUT-UP.

# Audio Cable

Commercial Audio Systems  
Shielded, Plenum-Rated



**Shielded Multi-conductor**  
CMP FT6 Rated or CL2P Rated

### Product Description

Bare copper conductors, Flamarrest® insulation, conductors cabled, overall Beldfoil® tape shield (foil side out) and drain wire, Natural Flamarrest jacket with rip cord. Sequential footage marking every two feet.

**Color Code:** See chart below.

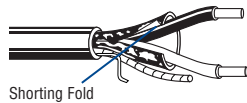
### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Flamarrest
<b>Insulation Thickness</b>	
22 to 16 AWG	.009" (.229mm)
14 to 12 AWG	.011" (.279mm)
<b>Shield</b>	Beldfoil
<b>Jacket</b>	Flamarrest
<b>Approvals</b>	
NEC (22 to 16 AWG)	CMP
CEC (22 to 16 AWG)	CMP FT6
NEC (14 to 12 AWG)	CL2P
<b>NEC Articles</b>	
22 to 16 AWG	800
14 to 12 AWG	725
<b>Voltage Rating</b>	
22 to 16 AWG	300V
14 to 12 AWG	150V
<b>Temperature Rating</b>	75°C

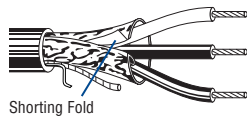
### Applications

- Intercom/PA Systems
- Sound/Audio Systems

### Solid Conductor



### Stranded Conductor



### Color Code Chart (22 to 16 AWG)

Cond. No.	Color	Cond. No.	Color
1	Black	1	Black
2	Red	2	White
3	White	3	Red

(14 to 12 AWG)

Part No.	No. of Cond.	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

### Shielded Multi-conductor (NEC CMP and CEC CMP FT6)

#### 22 AWG

6520FE	2	solid	C-500	C-152	6.0	2.7	.015	.38	.122	3.10
			C-1000	C-305	12.0	5.4				
			U-1000	U-305	13.0	5.9				
			1000	305	13.0	5.9				

6500FE	2	7	C-500	C-152	5.5	2.5	.015	.38	.128	3.25
			U-500	U-152	7.0	3.2				
			500	152	7.0	3.2				
			C-1000	C-305	11.0	5.0				
			U-1000	U-305	13.0	5.9				
1000	305	13.0	5.9							

6521FE	3	solid	1000	305	16.0	7.3	.015	.38	.129	3.28
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6501FE	3	7	500	152	8.0	3.6	.015	.38	.135	3.43
			U-1000	U-305	16.0	7.3				
			1000	305	16.0	7.3				

#### 20 AWG

6420FE	2	solid	C-500	C-152	7.0	3.2	.015	.38	.134	3.40
			U-1000	U-305	16.0	7.3				
			1000	305	15.0	6.8				

6400FE	2	7	C-500	C-152	7.5	3.4	.015	.38	.142	3.60
			U-1000	U-305	17.0	7.7				
			1000	305	17.0	7.7				

6401FE	3	7	U-1000	U-305	21.0	9.5	.015	.38	.150	3.81
			1000	305	22.0	10.0				

#### 18 AWG

6320FE	2	solid	C-500	C-152	10.5	4.7	.015	.38	.150	3.81
			1000	305	22.0	10.0				

6300FE	2	7	C-500	C-152	11.0	5.0	.015	.38	.162	4.11
			U-500	U-152	12.0	5.4				
			500	152	12.0	5.4				
			U-1000	U-305	23.0	10.4				
			1000	305	23.0	10.4				

6301FE	3	7	U-500	U-152	15.5	7.0	.015	.38	.172	4.32
			U-1000	U-305	30.0	13.6				
			1000	305	31.0	14.1				

#### 16 AWG

6200FE	2	19	500	152	16.5	7.5	.015	.38	.184	4.67
			1000	305	33.0	15.0				

6201FE	3	19	500	152	22.5	10.2	.015	.38	.195	4.95
			U-1000	U-305	43.0	19.5				
			1000	305	45.0	20.5				

### Shielded Multi-conductor (NEC CL2P)

#### 14 AWG

6100FE	2	19	500	152	25.0	11.3	.015	.38	.220	5.59
			U-1000	U-305	49.0	22.2				
			1000	305	51.0	23.2				

6101FE	3	19	1000	305	66.0	30.0	.015	.38	.234	5.94
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#### 12 AWG

6000FE	2	19	500	152	36.0	16.4	.015	.38	.260	6.60
			1000	305	68.0	30.9				