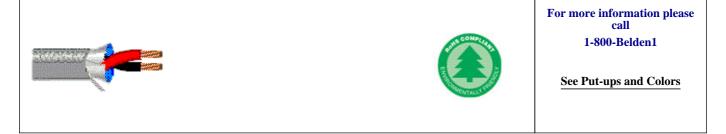


## 5300FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled



### **Description:**

18 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.

1	Black		2	Red			
Number	Color		Number	Color			
Overall Cabling Color C	Code Chart :						
Overall Cabling Twists/ft.		4	4				
Overall Cabling Lay Length		3 in.	3 in.				
OVERALL CABLING	3:						
Nom. Insulation Wall Thickness		.010 in.	.010 in.				
Insulation Material		PVC - Po	PVC - Polyvinyl Chloride				
INSULATION:							
Conductor Material		BC - Bar	e Copper				
Stranding		7x26	7x26				
AWG		18	18				
Total Number of Conductors		2	2				
Number of Conductors	umber of Conductors		2				
CONDUCTOR:							
PHYSICAL CHARAC	CTERISTICS:						
Suitable Applications		Intercom	Intercom/PA Systems, Sound/Audio Systems				

#### UTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Таре
Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
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:** 



# 5300FE 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	.165 in.
MECHANICAL CHARACTERISTICS:	
Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	20.9 lbs/1000 ft.
Max. Recommended Pulling Tension	57.5 lbs.
Min. Bend Radius (Install)	1.6 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)	Ν
Plenum Number	6300FE
ELECTRICAL CHARACTERISTICS:	
Nom. Inductance	.16 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	65 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	117 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	6.5 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	7.6 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	5 Amps per conductor @ 25°C

### **PUT-UPS AND COLORS:**

Item Descrip	otion Put-Up	p (ft.)  Shi	hip Weight (lbs.)	Jacket Color	Notes
5300FE 008C500 2 #18 SI FRPVC	RPVC FS C500	11	1	GRAY	



### 5300FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled

5300FE 0081000	2 #18 SRPVC FS FRPVC	1000	22	GRAY	С
5300FE 008500	2 #18 SRPVC FS FRPVC	500	11	GRAY	
5300FE 008U1000	2 #18 SR-PVC FS FRPVC	U1000	22	GRAY	
5300FE 008U500	2 #18 SRPVC FS FRPVC	U500	8	GRAY	

### C = CRATE REEL PUT-UP.

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