

**5301FE Non-Paired - Commercial Audio Systems**

		<p><b>For more information please call</b> <b>1-800-Belden1</b></p> <p><u><a href="#">See Put-ups and Colors</a></u></p>
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**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.

**SUITABLE APPLICATIONS:**

Suitable Applications	Intercom/PA Systems, Sound/Audio Systems
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**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Conductors	3
Total Number of Conductors	3
AWG	18
Stranding	7x26
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

**OVERALL CABLING:**

Overall Cabling Lay Length	3 in.
Overall Cabling Twists/ft.	4

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	3	White
2	Red		

**OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
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:**

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Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.015 in.
Outer Jacket Ripcord	Yes

**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.175 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	27.7 lbs/1000 ft.
Max. Recommended Pulling Tension	81.2 lbs.
Min. Bend Radius (Install)	1.75 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)	N
Plenum Number	6301FE

**ELECTRICAL CHARACTERISTICS:**

Nom. Capacitance Conductor to Conductor @ 1 KHz	62 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	112 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	6.5 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	7.2 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	5 Amps per conductor @ 25°C

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5301FE 0081000	3 #18 SRPVC FS FRPVC	1000	30	GRAY	C

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5301FE 008500	3 #18 SRPVC FS FRPVC	500	15	GRAY	
5301FE 008U1000	3 #18 SRPVC FS FRPVC	U1000	30	GRAY	
5301FE 008U500	3 #18 SRPVC FS FRPVC	U500	15.5	GRAY	

C = CRATE REEL PUT-UP.

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