



5301FE Non-Paired - New Generation®

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

Bare copper conductors, PVC insulation, conductors cabled, Beldfoil® shield tape (aluminum 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	2.875 in.
Overall Cabling Twists/ft.	4.2

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



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OUTER JACKET:

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

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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