

## 5302FE 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, PVC insulation, cabled, Beldfoil® shield tape (foil side out) with drain wire, PVC jacket. Sequential footage marking every two feet.

### PHYSICAL CHARACTERISTICS:

#### CONDUCTOR:

Number of Conductors	4
Total Number of Conductors	4
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	3.25 in.
Overall Cabling Color Code Chart	Black, Red, White, Green

#### 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:

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

#### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.192 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	34.6 lbs/1000 ft.
Max. Recommended Pulling Tension	103.6 lbs.
Min. Bend Radius (Install)	1.9 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
CSA Flame Test	FT4

#### PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	6320FE

### ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz	38 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	68.4 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	4 Amps per conductor @ 25°C

### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5302FE 0081000	4 #18 SRPVC FS FRPVC	1000	37	GRAY	C
5302FE 008500	4 #18 SRPVC FS FRPVC	500	20.5	GRAY	
5302FE 008C250	4 #18 SRPVC FS FRPVC	C250	8.75	GRAY	
5302FE 008U1000	4 #18 SRPVC FS FRPVC	U1000	36	GRAY	
5302FE 008U500	4 #18 SRPVC FS FRPVC	U500	19	GRAY	

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C = CRATE REEL PUT-UP.

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