

5341FE Paired - Commercial Applications

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : New Generation - Paired Security Cables.pdf</p>
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Description:

18 AWG bare copper conductors, PVC insulation, conductors twisted into pairs, multiple pairs cabled together, overall Beldfoil® shield (foil side out) and drain wire, overall PVC jacket with rip cord. Sequential footage marking every two feet.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	18
Stranding	7
Conductor Material	BC - Bare Copper

INSULATION:

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

Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	2	Black & White

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Material	Aluminum Foil-Polyester Tape

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	20
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

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

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.270 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +70°C
Bulk Cable Weight	37.9 lbs/1000 ft.
Max. Recommended Pulling Tension	103.6 lbs.
Min. Bend Radius (Install)	2.7 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMR
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
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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	6.55 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	6.9 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
5341FE 0081000	2 PR #18 SRPVC FS FRPVC	1000	42	GRAY	C
5341FE 008500	2PR #18 SRPVC FS FRPVC	500	21	GRAY	C
5341FE 008U1000	2 PR #18 SRPVC FS FRPVC	U1000	40	GRAY	

C = CRATE REEL PUT-UP.

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