



**1226B Paired - Flexible, Low-Capacitance Cable**

 	<p><b>For more information please call</b> <b>1-800-Belden1</b></p> <p><b><u>See Put-ups and Colors</u></b></p> <p><b>Related Documents : No. 7 for Snake Cables.pdf</b></p>
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**Description:**

22 AWG stranded (7x30) TC conductor, Datalene® insulation, individually shielded with Beldfoil® (100% coverage), numbered/color-coded PVC jackets, pair jackets and shields bonded so both strip simultaneously with automatic stripping equipment.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	32
Total Number of Conductors	64
AWG	22
Stranding	7x30
Conductor Diameter	.030 in.
Conductor Material	TC - Tinned Copper

**INSULATION:**

Insulation Material Trade Name	Datalene®
Insulation Material	FHDPE - Foam High Density Polyethylene
Nom. Insulation Wall Thickness	.015 in.
Insulation Diameter	.060 in.
Lay Length	1.75 in.
Twists/ft.	6.85
Pair Color Code Chart	Red and Black

**INNER SHIELD:**

Inner Shield Material Trade Name	Beldfoil®
Inner Shield Type	Tape
Inner Shield Material	Aluminum Foil-Polyester Tape
Inner Shield % Coverage	100 %
Inner Shield Drain Wire AWG	22
Inner Shield Drain Wire Stranding	7x30
Inner Shield Drain Wire Conductor Material	TC - Tinned Copper



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### INNER JACKET:

Inner Jacket Material	PVC - Polyvinyl Chloride
Inner Jacket Nominal Wall Thickness	.015 in.
Inner Jacket Diameter	.153 in.

#### Inner Jacket Color Code Chart :

Number	Color	Number	Color
1	Brown	17	Gray/Green
2	Red	18	Gray/Blue
3	Orange	19	Gray/Purple
4	Yellow	20	Gray/Gray
5	Green	21	Gray/White
6	Blue	22	Gray/Black
7	Purple	23	Gray/Tan
8	Gray	24	Gray/Pink
9	White	25	Blue/Brown
10	Black	26	Blue/Red
11	Tan	27	Blue/Orange
12	Pink	28	Blue/Yellow
13	Gray/Brown	29	Blue/Green
14	Gray/Red	30	Blue/Blue
15	Gray/Orange	31	Blue/Purple
16	Gray/Yellow	32	Blue/Gray

### OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.100 in.
Outer Jacket Ripcord	Yes

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	1.183 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	639.6 lbs/1000 ft.
Max. Recommended Pulling Tension	874 lbs.
Min. Bend Radius (Install)	11.83 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004



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**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
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**ELECTRICAL CHARACTERISTICS:**

Nom. Inductance	.20 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	19 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	35 pF/ft
Nominal Velocity of Propagation	78 %
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C	10.6 Ohms/1000 ft
Max. Operating Voltage - Non-UL	150 V RMS, 300 V RMS
Max. Recommended Current	1.45 Amps per conductor @ 20°C

**NOTES:**

Notes	Datalene® insulation features include a low dielectric constant and a low dissipation factor for high-speed, low distortion data handling. Physical properties include good crush resistance and light weight. Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment.
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**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1226B B591000	32 PR #22 FHDPE FS PVC PVC	1000	744	BLACK, MATTE	C M
1226B B59500	32 PR #22 FHDPE FS PVC PVC	500	369	BLACK, MATTE	C M

C = CRATE REEL PUT-UP.

M = FINAL PUT-UP LENGTH MAY VARY -10% TO +0% FROM LENGTH SHOWN.

Revision Number: 1      Revision Date: 08-11-2005



## **1226B Paired - Flexible, Low-Capacitance Cable**

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