

1220B Paired - Flexible, Low-Capacitance Cable

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : No. 7 for Snake Cables.pdf</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	12
Total Number of Conductors	24
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 & 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

INNER JACKET:

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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	7	Purple
2	Red	8	Gray
3	Yellow	9	White
4	Orange	10	Black
5	Green	11	Tan
6	Blue	12	Pink

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.074 in.
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.760 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	250.3 lbs/1000 ft.
Max. Recommended Pulling Tension	328 lbs.
Min. Bend Radius (Install)	7.6 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

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

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Max. Recommended Current 1.5 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.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1220B B591000	12 PR #22 FHDPE FS PVC PVC	1000	286	BLACK, MATTE	C
1220B B59500	12 PR #22 FHDPE FS PVC PVC	500	141	BLACK, MATTE	C

C = CRATE REEL PUT-UP.

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