

## Analog Multi-Pair Snake Cable

Flexible, Low-Capacitance Cables

Individually Shielded and Jacketed Twisted Pairs



### Individually Shielded and Jacketed Pairs

Not NEC Rated

#### Product Description

**22 AWG** stranded (7x30) tinned copper conductor. Datalene® insulation. Twisted pairs individual Beldfoil® shield (100% Coverage) and have numbered and color-coded PVC jackets (see Chart 7 in Technical Information Section for colors). Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Overall Matte Black PVC jacket and nylon rip cord.

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.

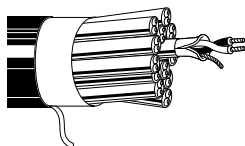
**Color Code:** Red, Black.

#### Specifications

<b>Nominal OD — Conductor</b>	.030" (.76mm)
<b>Nominal OD — Insulation</b>	.060" (1.52mm)
<b>Inner Pair Jacket OD</b>	.153" (3.89mm)
<b>Nominal DCR</b>	
Conductor	15.0Ω/M' (52.5Ω/km)
Shield (Inner Pair)	10.6Ω/M' (34.8Ω/km)
<b>Voltage Rating</b>	150V RMS
<b>Temperature Rating</b>	60°C
<b>Nominal Impedance</b>	70Ω
<b>Nominal Velocity of Propagation</b>	78%
<b>Nominal Capacitance</b>	
Between Conductors	19 pF/Ft. (62 pF/m)
Between Conductor/Shield*	35 pF/Ft. (115 pF/m)

DCR = DC Resistance

\*Capacitance between one conductor and other conductors connected to shield.



Part No.	No. of Pairs	Standard Lengths		Standard Unit Weight		Nominal OD	
		Ft.	m	Lbs.	kg	Inch	mm

#### Flexible, Low-Capacitance Twisted Pairs

22 AWG							
<b>1217B</b>	4	500	152.4	53.0	24.0	.458	11.63
		1000	304.8	107.0	48.5		
<b>1218B</b>	6	500	152.4	79.5	36.1	.578	14.68
		1000	304.8	152.0	68.9		
<b>1219B</b>	9	500	152.4	115.5	52.4	.700	17.78
		1000	304.8	234.0	106.1		
<b>1220B</b>	12	500	152.4	141.0	70.0	.760	19.30
		1000	304.8	286.0	129.7		
<b>1222B</b>	16	500	152.4	188.0	85.3	.852	21.64
		1000	304.8	384.0	174.2		
<b>1225B</b>	20	500	152.4	240.0	108.8	.960	24.38
		1000	304.8	471.0	213.6		
<b>1427B</b>	24	1000	304.8	588.0	266.7	1.088	27.64
<b>1221B</b>	28	500	152.4	335.0	152.0	1.140	28.96
		1000	304.8	676.0	306.6		
<b>1226B</b>	32	500	152.4	369.0	167.4	1.183	30.05
		1000	304.8	744.0	337.5		
<b>1428B†</b>	52	1000	304.8	1141.0	517.5	1.496	38.00

†1428B available by special order. Please contact Belden for lead time.