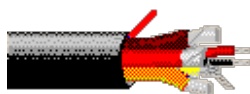


## 1219B Multi-Conductor - Flexible, Low-Capacitance Cable



For more Information  
please call

1-800-Belden1

**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 (Overall)****Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
9	22	7x30	TC - Tinned Copper	.030

**Insulation****Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (in.)	Dia. (in.)
Datalene®	FHDPE - Foam High Density Polyethylene	.015	.060

**Inner Shield****Inner Shield Material:**

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

**Inner Shield Drain Wire AWG:**

AWG
22

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Inner Jacket****Inner Jacket Material:**

Inner Jacket Material	Nom Wall (in.)	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.015	.153

**Inner Jacket Color Code Chart:**

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.068

Outer Jacket Ripcord: Yes

## 1219B Multi-Conductor - Flexible, Low-Capacitance Cable

## Overall Cable

Overall Nominal Diameter: 0.700 in.

## Pair

Pair Color Code Chart:

Color

Red &amp; Black

Pair Lay Length &amp; Direction:

Lay Length (in.) Twists/ft. (twist/ft)

1.750 6.850

## Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 219 lbs/1000 ft.

Max. Recommended Pulling Tension: 246 lbs.

Min. Bend Radius (Install)/Minor Axis: 7 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

.20

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

19

Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)

35

Nominal Velocity of Propagation:

VP (%)

78

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 10.600 Ohm/1000 ft

Max. Operating Voltage - Non-UL:

## 1219B Multi-Conductor - Flexible, Low-Capacitance Cable

**Voltage**

150 V RMS

300 V RMS

**Max. Recommended Current:****Current**

1.5 Amps per conductor @ 20°C

**Notes (Overall)**

**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.

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1219B B591000	1,000 FT	243.000 LB	BLACK, MATTE	C	9 PR #22 FHDPE FS PVC PVC
1219B B59500	500 FT	117.000 LB	BLACK, MATTE	C	9 PR #22 FHDPE FS PVC PVC

**Notes:**

C = CRATE REEL PUT-UP.

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