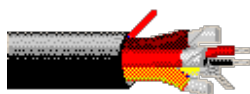


## 1217B Multi-Conductor - Flexible, Low-Capacitance Cable



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 to both strip simultaneously with automatic stripping equipment.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
4	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

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.040

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.458 in.

#### Pair

##### Pair Color Code Chart:

Color
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Red & Black

**Pair Lay Length & 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:	99 lbs/1000 ft.
Max. Recommended Pulling Tension:	109 lbs.
Min. Bend Radius (Install)/Minor Axis:	4.580 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & 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 & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Electrical Characteristics (Overall)

**Nom. Inductance:**

Inductance (µH/ft)
.20

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)
19

**Nom. Capacitance Cond. to Other Conductor & 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:**

Voltage
150 V RMS
300 V RMS

**Max. Recommended Current:**

Current
2 Amps per conductor @ 20°C

## 1217B Multi-Conductor - Flexible, Low-Capacitance Cable

### 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
1217B B591000	1,000 FT	106.000 LB	BLACK, MATTE	C	4 PR #22 FHDPE FS PVC PVC
1217B B59500	500 FT	54.500 LB	BLACK, MATTE	C	4 PR #22 FHDPE FS PVC PVC

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 04-15-2008

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