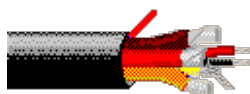


1218B Multi-Conductor - Flexible, Low-Capacitance Cable



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.)
6	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

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.055

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.578 in.

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Pair

Pair Color Code Chart:

Color
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:	148 lbs/1000 ft.
Max. Recommended Pulling Tension:	164 lbs.
Min. Bend Radius (Install)/Minor Axis:	5.780 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. Characteristic Impedance:

Impedance (Ohm)
70

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

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Max. Operating Voltage - Non-UL:

Voltage
150 V RMS
300 V RMS

Max. Recommended Current:

Current
2 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
1218B B591000	1,000 FT	155.000 LB	BLACK, MATTE	C	6 PR #22 FHDPE FS PVC PVC
1218B B59500	500 FT	82.500 LB	BLACK, MATTE	C	6 PR #22 FHDPE FS PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-17-2008

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