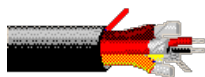


## 1220B Multi-Conductor - Flexible, Low-Capacitance Cable



For more Information  
please call

1-800-Belden1



### General 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.)
12	22	7x30	TC - Tinned Copper	.030

Total Number of Conductors: 24

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

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.074

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.760 in.

#### Pair

Pair Color Code Chart:

Color

## 1220B Multi-Conductor - Flexible, Low-Capacitance Cable

Red & Black

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	271 lbs/1000 ft.
Max. Recommended Pulling Tension:	328 lbs.
Min. Bend Radius/Minor Axis:	7.750 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
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
---------------	----

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

#### Nominal Velocity of Propagation:

VP (%)

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

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

#### Max. Operating Voltage - Non-UL:

Voltage

#### Max. Recommended Current:

Current

### 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.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1220B B591000	1,000 FT	296.000 LB	BLACK, MATTE	C	12 PR #22 FHDPE FS PVC PVC
1220B B59500	500 FT	143.000 LB	BLACK, MATTE	C	12 PR #22 FHDPE FS PVC PVC

**Notes:**  
 C = CRATE REEL PUT-UP.

## 1220B Multi-Conductor - Flexible, Low-Capacitance Cable

Revision Number: 2    Revision Date: 03-28-2013

© 2017 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).