

2221 Multi-Conductor - Single-Pair Cable

For more Information
please call

1-800-Belden1



Description:

26 AWG stranded (30x40) BC conductors cabled with fillers, Datalene® insulation, conductors cabled with fillers, TC "French Braid" Shield (95% coverage), Belflex® PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	26	30x40	BC - Bare Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material
Datalene®	FHDPE - Foam High Density Polyethylene

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
French Braid	TC - Tinned Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Belflex®	PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.170 in.

Pair

Pair Color Code Chart:

Number	Color
1	Red & Black

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 16.500 lbs/1000 ft.

Max. Recommended Pulling Tension: 34 lbs.

Min. Bend Radius/Minor Axis: 1.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

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

EU RoHS Compliance Date (mm/dd/yyyy): 03/10/2011

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
Other Specification:	AES/EBU Digital Audio

Suitability

Suitability - Indoor:	Yes
-----------------------	-----

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

110

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

13.000

Nominal Velocity of Propagation:

VP (%)

78.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

36.000

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.600

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

1.9 Amps per conductor @ 25°C

Notes (Overall)

Notes: Datalene® insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
2221 B02U1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC
2221 B59U1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC
2221 G7VU1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC
2221 G7WU1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC
2221 G7XU1000	1,000 FT	18.000 LB			1 PR #26 FHDPE BRD PVC

Revision Number: 0 Revision Date: 11-22-2011

© 2012 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.

2221 Multi-Conductor - Single-Pair Cable

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.