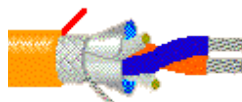
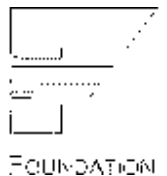


1336A Multi-Conductor - DataBus® ISA/SP-50 FOUNDATION Fieldbus or PROFIBUS Cable



For more Information
please call

1-800-Belden1

**Description:**

1 pair, 14 AWG stranded (7x22) tinned copper conductors, polyolefin insulation, Beldfoil® shield (100% coverage) plus a tinned copper braid shield (65% coverage), tinned copper drain wire, oil-resistant PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
1	14	7x22	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material
PO - Polyolefin

Outer Shield**Outer Shield Material:**

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
18	7x26	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord:

Yes

Overall Cable**Overall Nominal Diameter:**

0.430 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Blue & Orange

Pair Lay Length & Direction:

Lay Length (in.)
4.500

Mechanical Characteristics (Overall)**Operating Temperature Range:**

-30°C To +90°C

UL Temperature Rating:

90°C

Max. Recommended Pulling Tension:

131 lbs.

1336A Multi-Conductor - DataBus® ISA/SP-50 FOUNDATION Fieldbus or PROFIBUS Cable

Min. Bend Radius (Install)/Minor Axis: 4.300 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): 09/05/2006

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

Flame Test

UL Flame Test: UL1685 UL Loading

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Unaveraged Impedance:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Impedance (Ohm)
	.03125			100

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
45.0

Nom. Mutual Capacitance:

Capacitance (pF/ft)
24.0

Maximum Capacitance Unbalance:

Capacitance (pF/ft)
1.2

Nominal Velocity of Propagation:

VP (%)
66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.5

Maximum Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.9

Nom. Attenuation:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Attenuation (dB/100 ft.)
	.039			.062

Max. Attenuation:

()	Freq. (MHz)	Attenuation (dB/100 ft.)
.091	0.039	0.091

1336A Multi-Conductor - DataBus® ISA/SP-50 FOUNDATION Fieldbus or PROFIBUS Cable**Max. Operating Voltage - UL:**

Voltage
300 V RMS

Max. Recommended Current:

Description	Current
Per Conductor	5.2 Amps

Other Electrical Characteristic 1:	Max Propagation Delay Change From 7.812 kHz to 39.06 kHz: 518 pS/ft
---	---

Other Electrical Characteristic 2:	31.25 KBits/sec
---	-----------------

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1336A 0031000	1,000 FT	103.000 LB	ORANGE	C	1 PR #14 PP SH FRPVC
1336A 0031640	1,640 FT	170.560 LB	ORANGE	C	1 PR #14 PP SH FRPVC
1336A 0033280	3,280 FT	350.960 LB	ORANGE	C	1 PR #14 PP SH FRPVC
1336A 003394	394 FT	40.976 LB	ORANGE	C	1 PR #14 PP SH FRPVC
1336A 0061000	1,000 FT	103.000 LB	BLUE, LIGHT	C	1 PR #14 PP SH FRPVC
1336A 0061640	1,640 FT	170.560 LB	BLUE, LIGHT	C	1 PR #14 PP SH FRPVC
1336A 0063280	3,280 FT	350.960 LB	BLUE, LIGHT	C	1 PR #14 PP SH FRPVC
1336A 006394	394 FT	40.976 LB	BLUE, LIGHT	C	1 PR #14 PP SH FRPVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-19-2008

© 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.

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 73/23/EEC), as amended by directive 93/68/EEC.