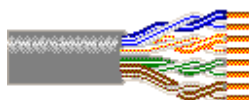


1232A1 Multi-Conductor - Category 3 Unbonded-Pair Cable



For more Information
please call

1-800-Belden1



Description

24 AWG solid bare copper conductors, twisted pairs, non-plenum, S-R PVC insulation, PVC jacket.

Physical Characteristics (Overall):

Conductor:

AWG

# Pairs	AWG	Stranding	Conductor Material
25.000	24	Solid	BC - Bare Copper

Insulation:

Insulation Material

Insulation Material
PO - Polyolefin

Outer Shield:

Outer Shield Material

Outer Shield Material
Unshielded

Outer Jacket:

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling:

Overall Nominal Diameter: 8.4836 mm

Pair:

Pair Color Code Chart

Number	Color
1	White/Blue Stripe & Blue/White Stripe
2	White/Orange Stripe & Orange/White Stripe
3	White/Green Stripe & Green/White Stripe
4	White/Brown Stripe & Brown/White Stripe
5	White/Gray Stripe & Gray/White Stripe
6	Red/Blue Stripe & Blue/Red Stripe
7	Red/Orange Stripe & Orange/Red Stripe
8	Red/Green Stripe & Green/Red Stripe
9	Red/Brown Stripe & Brown/Red Stripe
10	Red/Gray Stripe & Gray/Red Stripe
11	Black/Blue Stripe & Blue/Black Stripe
12	Black/Orange Stripe & Orange/Black Stripe
13	Black/Green Stripe & Green/Black Stripe
14	Black/Brown Stripe & Brown/Black Stripe
15	Black/Gray Stripe & Gray/Black Stripe
16	Yellow/Blue Stripe & Blue/Yellow Stripe
17	Yellow/Orange Stripe & Orange/Yellow Stripe
18	Yellow/Green Stripe & Green/Yellow Stripe
19	Yellow/Brown Stripe & Brown/Yellow Stripe
20	Yellow/Gray Stripe & Gray/Yellow Stripe
21	Purple/Blue Stripe & Blue/Purple Stripe
22	Purple/Orange Stripe & Orange/Purple Stripe

1232A1 Multi-Conductor - Category 3 Unbonded-Pair Cable

23	Purple/Green Stripe & Green/Purple Stripe
24	Purple/Brown Stripe & Brown/Purple Stripe
25	Purple/Gray Stripe & Gray/Purple Stripe

Mechanical Characteristics (Overall):

Operating Temperature Range	-20°C To +75°C
Bulk Cable Weight:	144.355 Kg/Km
Max. Recommended Pulling Tension:	689.471 N
Min. Bend Radius (Install)/Minor Axis:	88.900 mm

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

NEC/(UL) Specification	CMR, UL444
CEC/C(UL) Specification	CMR
IEEE Specification	802.3 10BaseT, 100BaseT4
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	01/01/2004
TIA/EIA Specification	568-B.2 Category 3
Other Specification	NEMA WC-63 Category 3, UL verified to TIA/EIA-568-B.2, Category 3

Flame Test:

UL Flame Test	UL1666 Riser
CSA Flame Test	FT4

Plenum/Non-Plenum:

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

Electrical Characteristics (Overall):

Nom. Mutual Capacitance

Capacitance (pF/m)
49.215

Nominal Velocity of Propagation

VP (%)
61

Maximum Capacitance Unbalance (pF/100 m) 330

Nominal Delay

Delay (ns/m)
4.922

Maximum Conductor DC Resistance

DCR @ 20°C (Ohm/100 m)
9.380

Max. Operating Voltage - UL

Voltage
300 V RMS

Maximum DCR Unbalanced

DCR Unbalance @ 20°C (%)
5.000

Electrical Characteristics-Premise (Overall):

Premise Cable Electricals

Freq. (MHz)	Max. Attenuation (dB/100 m)	Min. NEXT (dB)	Min. PSNEXT (dB)	Min. SRL (dB)	Fitted Imp. (Ohms)
1	2.560	No Spec	41.000	12.000	100 ± 15%

1232A1 Multi-Conductor - Category 3 Unbonded-Pair Cable

4	5.580	No Spec	32.000	12.000	100 ± 15%
8	8.500	No Spec	27.000	12.000	100 ± 15%
10	9.710	No Spec	26.000	12.000	100 ± 15%
16	13.100	No Spec	23.000	9.960	100 ± 15%

Notes (Overall):

Notes Jacket sequentially marked at 2 ft. intervals. Third party verified to TIA/EIA-568-B.2, Category 3. NEXT is Power Sum tested.

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1232A1 0081000	305 MT	47.174 KG	GRAY	C	25 PR #24 SRPVC PVC GRY

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 4 Revision Date: 03-03-2008

© 2008 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 the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs. (San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory; and China Ministry of Information Industry order#39 (China RoHS). EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); EU BFR (Directive 2003/11/EC, 6-Feb-2003). 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 the 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.