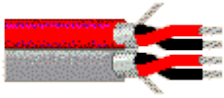


1504A Multi-Conductor - Double-Pair Cable



For more Information
please call

1-800-Belden1



Description:

22 AWG stranded (19x34) TC conductors, PVC insulation, dual twisted pairs, overall Beldfoil® shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket in zip-cord construction.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	22	19x34	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
24	7x30		TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.508

Overall Cabling

Overall Nominal Diameter: 3.632 x 7.264 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & Red

Pair Lay Length & Direction:

Lay Length (mm)	Twists/ft. (twist/m)
44.449825	22.508

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
UL Temperature Rating:	60°C
Bulk Cable Weight:	44.646 Kg/Km
Max. Recommended Pulling Tension:	111.205 N
Min. Bend Radius (Install)/Minor Axis:	38.100 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
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):	10/01/2005
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
----------------	-------------------

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

45

Nom. Inductance:

Inductance ($\mu\text{H}/\text{m}$)

0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

187.017

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

328.1

Nominal Velocity of Propagation:

VP (%)

66

Nominal Delay:

Delay (ns/m)

4.9215

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

44.9497

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

59.058

Max. Operating Voltage - UL:

Voltage

150 V RMS

Max. Recommended Current:

Current

2.9 Amps per conductor @ 25°C

Notes (Overall)

Notes: The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1504A A5QU1000	305 MT	14.515 KG	RED & GREEN		2 BONDED #22 FS PR PVC FR PVC
1504A A5Q2000	610 MT	29.030 KG	RED & GREEN	C	2 BONDED #22 FS PR PVC FR PVC
1504A G04U1000	305 MT	14.515 KG	RED & PURPLE		2 BONDED #22 FS PR PVC FR PVC
1504A J77U1000	305 MT	14.515 KG	RED & BLACK		2 BONDED #22 FS PR PVC FR PVC
1504A 053U1000	305 MT	14.515 KG	RED & GRAY		2 BONDED #22 FS PR PVC FR PVC
1504A 0532000	610 MT	29.030 KG	RED & GRAY	C	2 BONDED #22 FS PR PVC FR PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-18-2008

© 2011 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.