

## 9503 Paired - Computer Cable for EIA RS-232 Applications

		<p><b>For more information please call</b> <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p><b>Related Documents : No. 3 for Paired Cables (Belden Standard).pdf</b></p>
---	--	--

### Description:

24 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain Wire, PVC jacket.

### PHYSICAL CHARACTERISTICS:

#### CONDUCTOR:

Number of Pairs	3
Total Number of Conductors	6
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

#### INSULATION:

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
Lay Length	1.5 in.
Twists/ft.	8

#### Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	3	Black & Green
2	Black & White		

#### OUTER SHIELD:

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

#### OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

#### OUTER JACKET:

## 9503 Paired - Computer Cable for EIA RS-232 Applications

Outer Jacket Material	PVC - Polyvinyl Chloride
-----------------------	--------------------------

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.232 in.
--------------------------	----------

### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	27.1 lbs/1000 ft.
Max. Recommended Pulling Tension	33 lbs.
Min. Bend Radius (Install)	2.5 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2464 (300 V 80°C)
CSA Specification	AWM I A
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

#### FLAME TEST:

UL Flame Test	UL1685 FT4 Loading
C(UL) Flame Test	FT4

#### PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	89503, 82503

#### ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Capacitance Conductor to Conductor @ 1 KHz	30 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	50 pF/ft
Nominal Velocity of Propagation	60 %
Nom. Conductor DC Resistance @ 20 Deg. C	24 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	17 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	1.76 Amps per conductor @ 25°C

#### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9503 060100	3 PR #24 PVC FS PVC	100	2.6	CHROME	

**9503 Paired - Computer Cable for EIA RS-232 Applications**

9503 0601000	3 PR #24 PVC FS PVC	1000	30	CHROME	C
9503 060500	3 PR #24 PVC FS PVC	500	14.5	CHROME	C
9503 060U1000	3 PR #24 PVC FS PVC	U1000	28	CHROME	
9503 060U500	3 PR #24 PVC FS PVC	U500	15	CHROME	

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 07-19-2005

© Copyright 2006 Belden, Inc  
All Rights Reserved.

Although Belden ("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. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And 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.