



1403A Paired - SCSI 2 (Small Computer System Interface)

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Color Code Chart : No. 8 for DataTwist Cables (Modified Western Electric).pdf</p>
---	---

Description:

28 AWG (7x36) tinned copper conductors, flame retardant polypropylene insulation, 34 pairs with overall polypropylene binder tape, Beldfoil® and 85% tinned copper braid shields, PVC jacket.

SUITABLE APPLICATIONS:

Suitable Applications	SCSI 2
-----------------------	--------

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	34
Number of Conductors	68
Total Number of Conductors	68
AWG	28
Stranding	7x36
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	FRPO - Flame Retardant Polyolefin
---------------------	-----------------------------------

Pair Color Code Chart :



1403A Paired - SCSI 2 (Small Computer System Interface)

Number	Color	Number	Color
1	White/Blue & Blue/White	18	Yellow/Green & Green/Yellow
2	White/Orange & Orange/White	19	Yellow/Brown & Brown/Yellow
3	White/Green & Green/White	20	Yellow/Gray & Gray/Yellow
4	White/Brown & Brown/White	21	Purple/Blue & Blue/Purple
5	White/Gray & Gray/White	22	Purple/Orange & Orange/Purple
6	Red/Blue & Blue/Red	23	Purple/Green & Green/Purple
7	Red/Orange & Orange/Red	24	Purple/Brown & Brown/Purple
8	Red/Green & Green/Red	25	Purple/Gray & Gray/Purple
9	Red/Brown & Brown/Red	26	White & Blue
10	Red/Gray & Gray/Red	27	White & Orange
11	Black/Blue & Blue/Black	28	White & Green
12	Black/Orange & Orange/Black	29	White & Brown
13	Black/Green & Green/Black	30	White & Gray
14	Black/Brown & Brown/Black	31	Red & Blue
15	Black/Gray & Gray/Black	32	Red & Orange
16	Yellow/Blue & Blue/Yellow	33	Red & Green
17	Yellow/Orange & Orange/Yellow	34	Red & Brown

OVERALL CABLING:

Overall Cabling Separator Material Foam Polypropylene Binder Tape

OUTER SHIELD:

Outer Shield Material Trade Name Beldfoil®

Outer Shield Type Tape/Braid

Outer Shield Material :

Layer Number	Material Trade Name	Type	Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	85

Outer Shield % Coverage 100 %

OUTER JACKET:

Outer Jacket Material PVC - Polyvinyl Chloride

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .480 in.

MECHANICAL CHARACTERISTICS:

Non-UL Temperature Rating -20°C To +60°C

Bulk Cable Weight 106 lbs/1000 ft.

Max. Recommended Pulling Tension 180 lbs.

Min. Bend Radius (Install) 5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:



1403A Paired - SCSI 2 (Small Computer System Interface)

APPLICABLE STANDARDS:

NEC/(UL) Specification	CL2, CM
CEC/C(UL) Specification	CM

FLAME TEST:

UL Flame Test	UL1685 UL Loading
---------------	-------------------

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
--------------	---

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance :

Description	Nom. Characteristic Impedance (Ohms)
Differential TDR	120 ± 12
Single Ended TDR	80 ± 10

Nom. Capacitance Conductor to Conductor @ 1 KHz	12.7 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	30 pF/ft
Nominal Velocity of Propagation	66 %

Nominal Delay :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nominal Delay (ns/ft)
Pair-to-Pair				.04

Nom. Conductor DC Resistance @ 20 Deg. C	64.9 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	1.5 Ohms/1000 ft

Max. Attenuation (dB/100 ft.) :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Attenuation (dB/100 ft.)
	5			2.3

Max. Operating Voltage - UL	150 V RMS
Max. Recommended Current	0.5 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1403A F2V1000	34 PR #28 FRPP SH PVC	1000	139	GRAY, DEC	C Z
1403A F2V500	34 PR #28 FRPP SH PVC	500	71.5	GRAY, DEC	C Z

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 07-23-2004



1403A Paired - SCSI 2 (Small Computer System Interface)

© 2003 Belden Wire & Cable Company
All Rights Reserved.

Although Belden Electronics Division ("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.