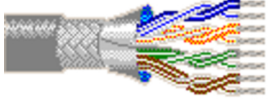


**Part Number: 1401A**



SCSI, #28-25pr, PO, O/A Foil+Braid, PVC Jkt, CMG

**Product Description**

SCSI, 28 AWG stranded (7x36) tinned copper conductors, flame-retardant polyolefin insulation, polypropylene buffer layer, twisted pairs, overall Beldfoil® shield + tinned copper braid shield (85% coverage), see color code chart (below), light gray PVC jacket.

**Technical Specifications**

**Product Overview**

Suitable Applications:	SCSI II
------------------------	---------

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Pairs
28	7x36	TC - Tinned Copper	25

Conductor Count:	50
Conductor Size:	28 AWG

**Insulation**

Material	Nominal Wall Thickness
FRPO - Flame Retardant Polyolefin	0.01 in

**Color Chart**

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

#### Outer Shield Material

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

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
PVC - Polyvinyl Chloride	0.42 in	0.029 in	Foam Polypropylene Binder Tape

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
64.9 Ohm/1000ft	2 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
12.7 pF/ft	30 pF/ft

Shielding:	Foil + Braid(s)
------------	-----------------

#### Impedance

Nominal Characteristic Impedance	Nominal Characteristic Tolerance	Nominal Characteristic Impedance Description
122 Ohm	31 Ohm	Differential TDR
84 Ohm	± 12 Ohm	Single Ended TDR

#### Delay

Max. Delay Skew	Nominal Delay	Nominal Velocity of Propagation (VP) [%]
66 ns/100m	0.04 ns/ft	66 %

#### Current

Max. Recommended Current [A]
0.5 Amps per conductor @ 25°C A

#### Voltage

UL Voltage Rating
300V RMS

### Mechanical Characteristics

Bulk Cable Weight:	93 lbs/1000ft
Max Recommended Pulling Tension:	180 lbs
Min Bend Radius/Minor Axis:	4.25 in

### Standards

NEC/(UL) Specification:	CL2, CMG
CEC/C(UL) Specification:	CMG

### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-13
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4

## Plenum/Non-Plenum

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

## Part Number

### Variants

Item #	Color	Footnote
1401A F2V1000	GRAY, DEC	C
1401A F2V500	GRAY, DEC	C

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

© 2018 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.