

1352A Multi-Conductor - Category 6 Nonbonded-Pair ScTP Cable



For more Information
please call

1-800-Belden1

**Description:**

23 AWG Solid Bare Copper Conductors, FEP Insulation, Polyester Separator, Overall Beldfoil Shield (100% coverage) with Drain Wire, Flamearrest® Jacket with Ripcord.

Usage (Overall)**Suitable Applications:**

Networking Horizontal Cable, 1000Base-T (Gigabit Ethernet), 100Base-T (Fast Ethernet), 10Base-T (Ethernet), 100BaseVG, ANYLAN, 155ATM, 622ATM, ANSI.X3.263 FDDI TP-PMD, NTSC/PAL Component or Composite Video, AES/EBU, Digital Video, RS-422, Noisy Environments, 250 MHz Category 6

Physical Characteristics (Overall)**Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
4	23	Solid	BC - Bare Copper

Total Number of Conductors:

8

Insulation**Insulation Material:**

Insulation Material
FEP - Fluorinated Ethylene Propylene

Outer Shield**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	Solid	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material
Flamearrest®	LS PVC - Low Smoke Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (in.)
0.285

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Cabling Fillers:

Central Cross Web

Overall Cabling Separator Material:

Polyester

Pair**Pair Color Code Chart:**

Number	Color
1	White/Blue Stripe and Blue
2	White/Orange Stripe and Orange
3	White/Green Stripe and Green

1352A Multi-Conductor - Category 6 Nonbonded-Pair ScTP Cable

4	White/Brown Stripe and Brown
---	------------------------------

Mechanical Characteristics (Overall)

Storage Temperature Range:	-20°C To +75°C
Installation Temperature Range:	+5°C To +50°C
Operating Temperature Range:	-20°C To +75°C
Bulk Cable Weight:	49 lbs/1000 ft.
Max. Recommended Pulling Tension:	25 lbs.
Min. Bend Radius/Minor Axis:	1 in.
Min. Bend/Installation:	3 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
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):	05/24/2007
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
Telecommunications Standards:	Category 6 - TIA 568.C.2
Other Specification:	UL Verified to Category 6

Applicable Patents:

Country	Patent
US	6074503
US	7663061

Flame Test

UL Flame Test:	NFPA 262 Plenum Flame Test (UL910)(FT6)
C(UL) Flame Test:	FT6
CSA Flame Test:	FT6

Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	1351A

Electrical Characteristics (Overall)**Nom. Mutual Capacitance:**

Capacitance (pF/ft)
14.000

Maximum Capacitance Unbalance:

Capacitance (pF/ft)
66.000

Nominal Velocity of Propagation:

VP (%)
72.000

1352A Multi-Conductor - Category 6 Nonbonded-Pair ScTP Cable

Maximum Delay:

Delay (ns/100 m)
537.000

Max. Delay Skew:

Delay Skew (ns/ft)
30.000

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)
8.200

Max. Operating Voltage - UL:

Voltage
300 V RMS

Maximum DCR Unbalanced:

DCR Unbalance @ 20°C (%)
3.000

Electrical Characteristics-Premise (Overall)

Premise Cable Electrical Table 1:

Freq. (MHz)	Max. Attenuation (dB/100 m)	Min. NEXT (dB)	Min. PSNEXT (dB)	Min. ACR (dB)	Min. PSACR (dB)	Min RL (dB)
1	2.000	74.3	72.3	72.3	70.3	20.000
4	3.800	65.3	63.3	61.5	59.5	23.000
8	5.300	60.8	58.8	55.5	53.5	24.500
10	6.000	59.3	57.3	53.3	51.3	25.000
16	7.600	56.2	54.3	48.6	46.6	25.000
20	8.500	54.8	52.8	46.3	44.3	25.000
25	9.500	53.3	51.3	43.8	41.8	24.300
31.25	10.700	51.9	49.9	41.2	39.2	23.600
62.5	15.400	47.4	45.4	32.0	30.0	21.500
100	19.800	44.3	42.3	24.5	22.5	20.100
155	25.200	41.5	39.5	16.2	14.2	18.800
200	29.000	39.8	37.8	10.8	8.8	18.000
250	32.800	38.3	36.3	5.5	3.5	17.300
300	36.400	37.1	35.1	0.7		16.800
350	39.800	36.1	34.1			16.300
400	43.000	35.3	33.3			16.000
500	48.900	33.8	31.8			15.200
650	57.200	32.1	30.1			14.400

Premise Cable Electrical Table 2:

Freq. (MHz)	Input (Unfitted) Imp. (Ohms)	Fitted Impedance	Min. ELFEXT (dB)	Min. PSELFEXT (dB)
1	100 ± 15	100 ± 15	70.0	68.0
4	100 ± 15	100 ± 15	58.0	56.0
8	100 ± 15	100 ± 15	51.9	49.9
10	100 ± 15	100 ± 15	50.0	48.0
16	100 ± 15	100 ± 15	45.9	43.9
20	100 ± 15	100 ± 15	44.0	42.0
25	100 ± 15	100 ± 15	42.0	40.0
31.25	100 ± 15	100 ± 15	40.1	38.1
62.5	100 ± 15	100 ± 15	34.1	32.1
100	100 ± 15	100 ± 15	30.0	28.0
155	100 ± 22	100 ± 15	26.2	24.2
200	100 ± 22	100 ± 15	24.0	22.0
250	100 ± 32	100 ± 15	22.0	20.0
300	100 ± 32	100 ± 15	20.5	18.5
350	100 ± 32	100 ± 15	19.1	17.1
400			18.0	16.0
500			16.0	14.0

1352A Multi-Conductor - Category 6 Nonbonded-Pair ScTP Cable**Notes (Overall)**

Notes: Jacket sequentially marked at 2 ft. intervals Third party Verified to ANSI/TIA-568-C.2, Category 6. Values above 350 MHz are for Engineering Information Only.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1352A D151000	1,000 FT	42.000 LB	BLUE	C	CAT6 4PR F/UTP CMP REEL
1352A 0041000	1,000 FT	42.000 LB	YELLOW	C	CAT6 4PR F/UTP CMP REEL
1352A 0081000	1,000 FT	42.000 LB	GRAY	C	CAT6 4PR F/UTP CMP REEL
1352A 0091000	1,000 FT	42.000 LB	WHITE	C	CAT6 4PR F/UTP CMP REEL

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 4 Revision Date: 07-11-2012

© 2012 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.

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru