

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 «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А