

For more Information  
please call

1-800-Belden1



## Description:

20 AWG stranded (7x28) .038" tinned copper conductors, polyethylene insulation, tinned copper braid shield (93% Coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

**AWG:**

# Pairs	AWG	Stranding	Conductor Material	Dia. (mm)
1	20	7x28	TC - Tinned Copper	0.9652

### Insulation

**Insulation Material:**

Insulation Material
PE - Polyethylene

### Outer Shield

**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	93

### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

## Overall Cabling

**Overall Nominal Diameter:** 6.198 mm

### Pair

**Pair Color Code Chart:**

Number	Color
1	Clear & Blue

**Pair Lay Length & Direction:**

Lay Length (cm)	Lay Length Twists/ft. (twist/m)
	13.4521

## Mechanical Characteristics (Overall)

**Operating Temperature Range:** -20°C To +60°C

**UL Temperature Rating:** 60°C (UL AWM Style 2092)

**Bulk Cable Weight:** 58.040 Kg/Km

**Max. Recommended Pulling Tension:** 302.478 N

**Min. Bend Radius (Install)/Minor Axis:** 63.500 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

**NEC/(UL) Specification:** CM

**CEC/C(UL) Specification:** CM

**AWM Specification:** UL Style 2092 (300 V 60°C)

**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):** 01/01/2004

**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

### Flame Test

**UL Flame Test:** UL1685 UL Loading

### Plenum/Non-Plenum

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

**Plenum Number:** 89272

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

**Impedance (Ohm)**

78

### Nom. Inductance:

**Inductance (µH/m)**

0.06562

### Nom. Capacitance Conductor to Conductor:

**Capacitance (pF/m)**

64.6357

### Nominal Velocity of Propagation:

**VP (%)**

66

### Nominal Delay:

**Delay (ns/m)**

5.05274

### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/km)**

31.1695

### Nominal Outer Shield DC Resistance:

**DCR @ 20°C (Ohm/km)**

11.1554

### Nom. Attenuation:

**Freq. (MHz) Attenuation (dB/100m)**

1	1.9686
10	6.8901
50	16.405
100	24.6075
200	36.091
400	52.496

### Max. Operating Voltage - UL:

**Voltage**

300 V RMS (UL AWM Style 2092)

## Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9272 006U1000	305 MT	17.690 KG	BLUE, LIGHT		78 OHM TWINAX
9272 006U500	152 MT	9.072 KG	BLUE, LIGHT		78 OHM TWINAX
9272 006100	30 MT	2.041 KG	BLUE, LIGHT		78 OHM TWINAX
9272 0061000	305 MT	18.597 KG	BLUE, LIGHT	C	78 OHM TWINAX
9272 006500	152 MT	8.391 KG	BLUE, LIGHT	C	78 OHM TWINAX

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 04-17-2008

© 2011 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 «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.