Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

9250 Twinax - Twinaxial Cable

For more Information
please call

1-800-Belden1

General Description:

18 AWG stranded (7x26) bare copper conductors, polyethylene insulation, polyethylene inner jacket, tinned copper double braid shield (95% coverage), non-contaminating PVC outer jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	7x26	BC - Bare Copper	0.046
1	18	7x26	BC - Bare Copper with Center Strand Tinned Copper	0.046

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PE - Polyethylene	0.023

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom Wall (in.)	Nom. Dia. (in.)
PE - Polyethylene	0.053	0.282

Outer Shield

Outer Shield Material:

Layer #	Type	Outer Shield Material	Coverage (%)
1	Braid	TC - Tinned Copper	95
2	Braid	TC - Tinned Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVCNC - Polyvinyl Chloride Non-Contaminating	0.037

Overall Cable

Overall Nominal Diameter: 0.416 in.

Pair

Pair Color Code Chart:

Number	Color
1	Clear & Clear

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Bulk Cable Weight:	113 lbs/1000 ft.
Max. Recommended Pulling Tension:	237 lbs.
Min. Bend Radius/Minor Axis:	4.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
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):	10/01/2005
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
RG Type:	22B/U

Flame Test

UL Flame Test:	VW-1

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
95

Nom. Inductance:

Inductance (µH/ft)
0.144

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
16.0

Nominal Velocity of Propagation:

VP (%)
66

Nominal Delay:

Delay (ns/ft)
1.54

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.6

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
0.9

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.3
10	0.9
20	1.3
50	2.1
100	3.0
400	6.3

Max. Operating Voltage - Non-UL:

Voltage
750 V RMS

Transfer Impedance:

Description	Impedance
1 MHz	0.7 miliohms/meter
10 MHz	1.0 Miliohms/meter
50 MHz	7.0 Miliohms/meter

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9250 0101000	1,000 FT	121.000 LB	BLACK	C	RG 22B/U TWINAX
9250 010500	500 FT	61.500 LB	BLACK	C	RG 22B/U TWINAX

Notes:
C = CRATE REEL PUT-UP.

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9250 Twinax - Twinaxial Cable

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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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.);

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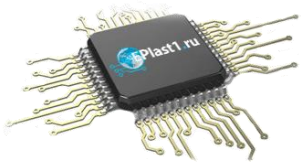
- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.