

**9250 Twinax - Twinaxial Cable**



For more Information  
please call  
  
1-800-Belden1



**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

**Insulation:**

Insulation Material

Insulation Material
PE - Polyethylene

**Inner Jacket:**

Inner Jacket Material

Inner Jacket Material	Nom. Dia. (in.)
PE - Polyethylene	0.285

**Outer Shield:**

Outer Shield Material

Layer #	Outer Shield Trade Name	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
PVCNC - Polyvinyl Chloride Non-Contaminating

**Overall Cabling:**

Overall Nominal Diameter: 0.416 x 0.000 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:	119 lbs/1000 ft.
Max. Recommended Pulling Tension:	237 lbs.
Min. Bend Radius (Install)/Minor Axis:	4.500 in.

**Applicable Specifications and Agency Compliance (Overall):**

**Applicable Standards:**

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes

**9250 Twinax - Twinaxial Cable**

EU RoHS Compliance Date (mm/dd/yyyy) 10/01/2005

RG Type 22B/U

**Flame Test:**

UL Flame Test UL1685 UL Loading, VW-1

**Plenum/Non-Plenum:**

Plenum (Y/N) N

**Electrical Characteristics (Overall):**

Nom. Characteristic Impedance

Impedance (Ohm)
95.000

Nom. Inductance

Inductance (µH/ft)
0.144

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
16.000

Nominal Velocity of Propagation

VP (%)
66

Nominal Delay

Delay (ns/ft)
1.540

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
6.600

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
0.900

Nom. Attenuation

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Attenuation (dB/100 ft.)
	1.000			0.300
	10.000			0.900
	20.000			1.300
	50.000			2.100
	100.000			3.000
	400.000			6.300

Max. Operating Voltage - UL

Voltage
750 V RMS

Transfer Impedance

Description	Impedance
1 MHz	0.7 milliohms/meter
10 MHz	1.0 Milliohms/meter
50 MHz	7.0 Milliohms/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 BLK
9250 010500	500 FT	61.500 LB	BLACK	C	RG 22B/U TWINAX BLK

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 04-11-2008

© 2007 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 the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs. (San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory; and China Ministry of Information Industry order#39 (China RoHS). EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); EU BFR (Directive 2003/11/EC, 6-Feb-2003). 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 the 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.