

## 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	.285

**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
PVCNC - Polyvinyl Chloride Non-Contaminating

**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:** 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 & Environmental Programs**
**EU CE Mark:** Yes

EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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RG Type:	22B/U
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**Flame Test**

UL Flame Test:	UL1685 UL Loading, VW-1
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)
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95
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**Nom. Inductance:**

Inductance (μH/ft)
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0.144
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**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)
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16.0
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**Nominal Velocity of Propagation:**

VP (%)
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66
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**Nominal Delay:**

Delay (ns/ft)
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1.54
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**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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6.6
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**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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0.9
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**Nom. Attenuation:**

Freq. (MHz)	Attenuation (dB/100 ft.)
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1	0.3
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10	0.9
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20	1.3
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50	2.1
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100	3.0
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400	6.3
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**Max. Operating Voltage - UL:**

Voltage
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750 V RMS
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**Transfer Impedance:**

Description	Impedance
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1 MHz	0.7 miliohms/meter
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10 MHz	1.0 Miliohms/meter
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50 MHz	7.0 Miliohms/meter
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**Related Documents:**

No related documents are available for this product

**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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