

9250 Twinax - Twinaxial Cable

		<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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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:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2

APPLICABLE STANDARDS:

RG Type	22B/U
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CONDUCTOR:

AWG :

Number of Pairs	AWG	Stranding	Conductor Material	Conductor Diameter (in.)
	18	7X26	Bare Copper	.046
	18	7X26	Bare Copper with Center Strand Tinned Copper	.046

INSULATION:

Insulation Material	PE - Polyethylene
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PAIR:

Pair Color Code Chart :

Number	Color
1	Clear & Clear

INNER JACKET:

Inner Jacket Material	PE - Polyethylene
Inner Jacket Diameter	.285 in.

OUTER SHIELD:

Outer Shield Type	Braid/Braid
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Outer Shield Material :

Layer Number	Material Trade Name	Type	Material	% Coverage (%)
1		Braid	TC - Tinned Copper	95
2		Braid	TC- Tinned Copper	95

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Outer Shield % Coverage	95 %
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OUTER JACKET:

Outer Jacket Material	PVCNC - Polyvinyl Chloride Non-Contaminating
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.416 in.
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MECHANICAL CHARACTERISTICS:

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)	4.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005

FLAME TEST:

UL Flame Test	UL1685 UL Loading, VW-1
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	95 Ohms
Nom. Inductance	0.144 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	16.0 pF/ft
Nominal Velocity of Propagation	66 %
Nominal Delay	1.54 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	6.6 Ohms/1000 ft
Nominal Outer Shield DC Resistance	0.9 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. 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 - UL	750 V RMS
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Transfer Impedance :	
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Description	Transfer Impedance
1 MHz	0.7 miliohms/meter
10 MHz	1.0 Miliohms/meter
50 MHz	7.0 Miliohms/meter

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9250 0101000	RG 22B/U TWINAX	1000	121	BLACK	C
9250 010500	RG 22B/U TWINAX	500	61.5	BLACK	C

C = CRATE REEL PUT-UP.

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