

9272 Twinax - Twinaxial Cable

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

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AWM Specification:	UL Style 2092 (300 V 60°C)
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EU CE Mark:	Yes
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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):	01/01/2004
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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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Flame Test

UL Flame Test:	UL1685 UL Loading
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	89272
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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)
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1	1.9686
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10	6.8901
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50	16.405
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100	24.6075
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200	36.091
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400	52.496
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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.

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