

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. (in.)
1.000	20	7x28	TC - Tinned Copper	0.038

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: 0.244 x 0.000 in.

Pair:

Pair Color Code Chart

Number	Color
1	Clear & Blue

Pair Lay Length & Direction

Lay Length (in.)	Lay Length	Twists/ft. (twist/ft)
		4.100

Mechanical Characteristics (Overall):

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2092)
Bulk Cable Weight:	39 lbs/1000 ft.
Max. Recommended Pulling Tension:	68 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.500 in.

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

NEC/UL) Specification	CM
CEC/C(UL) Specification	CM
AWM Specification	UL Style 2092 (300 V 60°C)

9272 Twinax - Twinaxial Cable

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	01/01/2004

Flame Test:

UL Flame Test	UL 1685 UL Loading
---------------	--------------------

Plenum/Non-Plenum:

Plenum (Y/N)	No
Plenum Number	89272

Electrical Characteristics (Overall):

Nom. Characteristic Impedance

Impedance (Ohm)
78.000

Nom. Inductance

Inductance (µH/ft)
0.020

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
19.700

Nominal Velocity of Propagation

VP (%)
66

Nominal Delay

Delay (ns/ft)
1.540

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
9.500

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
3.400

Nom. Attenuation

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Attenuation (dB/100 ft.)
	1.000			0.600
	10.000			2.100
	50.000			5.000
	100.000			7.500
	200.000			11.000
	400.000			16.000

Max. Operating Voltage - UL

Voltage
300 V RMS (UL AWM Style 2092)

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9272 006100	100 FT	4.500 LB	BLUE, LIGHT		78 OHM TWINAX BLULT
9272 0061000	1,000 FT	41.000 LB	BLUE, LIGHT	C	78 OHM TWINAX BLULT
9272 006500	500 FT	18.500 LB	BLUE, LIGHT	C	78 OHM TWINAX BLULT
9272 006U1000	1,000 FT	39.000 LB	BLUE, LIGHT		78 OHM TWINAX BLULT
9272 006U500	500 FT	20.000 LB	BLUE, LIGHT		78 OHM TWINAX BLULT

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 04-17-2008

© 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.