# **Detailed Specifications & Technical Data**

**METRIC MEASUREMENT VERSION** 



### 9272 Twinax - Twinaxial Cable

For more Information please call

1-800-Belden1



## **Description:**

والمنازعة والمنازعة

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	<b>Conductor Material</b>	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:



### 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**

ppinousis standards a minimum and regions			
NEC/(UL) Specification:	CM		
CEC/C(UL) Specification:	CM		

Page 1 of 3 09-20-2011

# **Detailed Specifications & Technical Data**





### 9272 Twinax - Twinaxial Cable

AWM Specification:	UL Style 2092 (300 V 60°C)		
EU CE Mark:	Yes		
EU Directive 2000/53/EC (ELV):	Yes		
EU Directive 2002/95/EC (RoHS):	Yes		
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004		
EU Directive 2002/96/EC (WEEE):	Yes		
EU Directive 2003/11/EC (BFR):	Yes		
CA Prop 65 (CJ for Wire & Cable):	Yes		
MII Order #39 (China RoHS):	Yes		
Flame Test			
UL Flame Test:	UL1685 UL Loading		
Plenum/Non-Plenum			
Plenum (Y/N):	No		
Plenum Number:	89272		

## **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



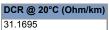
Nominal Velocity of Propagation:



**Nominal Delay:** 



Nom. Conductor DC Resistance:



**Nominal Outer Shield DC Resistance:** 

DCR @ 20°C (Ohm/km) 11.1554

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	1.9686
10	6.8901
50	16.405
100	24.6075
200	36.091
400	52.496

Max. Operating Voltage - UL:

-	-	_	
Voltage			
300 V RMS	(UL AV	VM Style 2	2092)

### **Related Documents:**

Page 2 of 3 09-20-2011

# **Detailed Specifications & Technical Data**

#### METRIC MEASUREMENT VERSION



### 9272 Twinax - Twinaxial Cable

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	С	78 OHM TWINAX
9272 006500	152 MT	8.391 KG	BLUE, LIGHT	С	78 OHM TWINAX

Notes:

C = CRATE REEL PUT-UP.

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

© 2011 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 he 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. 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 this 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.