Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9272 Twinax - Twinaxial Cable

For more Information please call

1-800-Belden1



Description:

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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	20	7x28	TC - Tinned Copper	.038

Insulation

Insulation Material:

Insulation Material
PE - Polyethylene

Outer Shield

Outer Shield Material:

	Outer Shield Material	
Braid	TC - Tinned Copper	93

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.244 in.

Pair

Pair Color Code Chart:



Pair Lay Length & Direction:

Lay Length (in.)	Lay Length	Twists/ft. (twist/ft)
		4.1

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 & Environmental Programs

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NEC/(UL) Specification:	CM				
CEC/C(UL) Specification:	CM				

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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:



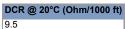
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

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DCR @ 20°C (Ohm/1000 ft)
3.4
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Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.6
10	2.1
50	5.0
100	7.5
200	11.0
400	16.0

Max. Operating Voltage - UL:

	_	_	
Voltage			
300 V RMS	(UL A	WM Style	e 2092)

Related Documents:

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No related documents are available for this product

Put Ups and Colors:

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

Notes:

C = CRATE REEL PUT-UP.

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

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