Detailed Specifications & Technical Data

2021 - E



METRIC MEASUREMENT VERSION

9463DB Twinax - Blue Hose® Cable

For more Information please call

1-800-Belden1



General Description:

20 AWG stranded (7x28) tinned copper conductors, polyethylene insulation, Beldfoil® (100% coverage) plus a tinned copper braid shield (55% coverage), sunlight-resistant LDPE jacket.

	•••••
Physical Characteristics (Overall) Conductor	
AWG:	
# Pairs AWG Stranding Conductor Material Dia. (mm)	
1 20 7x28 TC - Tinned Copper 0.9652	
Total Number of Conductors:	2
Insulation	
Insulation Material:	
Insulation Material PE - Polyethylene	
Outer Shield Outer Shield Material:	
Layer # Outer Shield Trade Name Type Outer Shield Mater	ial Coverage (%)
1 Beldfoil® Tape Aluminum Foil-Polye	
2 Braid TC - Tinned Copper	55
Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material	
20 7x28 TC - Tinned Copper	
Outer Shield Flooding Grease:	Yes
Outer Jacket	
Outer Jacket Material Outer Jacket Material	
PE - Polyethylene	
Overall Cable	0.000
Overall Nominal Diameter:	6.096 mm
Pair Pair Color Code Chart:	
Number Color	
1 Clear & Blue	
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-55°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	53.575 Kg/Km
Max. Recommended Pulling Tension:	213.514 N
Min. Bend Radius/Minor Axis:	63.500 mm
Applicable Specifications and Agency Compliance	e (Overall)
Applicable Standards & Environmental Programs	
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/13/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes

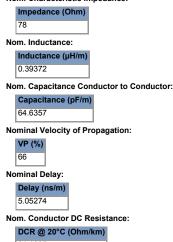
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CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Customer Part Number Reference Specification:	Allen Bradley P/N 1770-CD Burial
Suitability	
Suitability - Outdoor:	Yes
Suitability - Aerial:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No
Electrical Characteristics (Overall)	
Nom. Characteristic Impedance:	
Impedance (Ohm)	



31.1695

Nominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/km)

	_
13.45	21

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

Other Electrical Characteristic 1:

DC Resistance Unbalanced: .77 Ohms/1000 ft Max

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9463DB S8Y1000	1,000 FT	33.000 LB	BLUE, UV	С	2 #20 PE FS BRD PE
9463DB S8Y5000	5,000 FT	155.000 LB	BLUE, UV	С	2 #20 PE FS BRD PE

Notes: C = CRATE REEL PUT-UP.

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