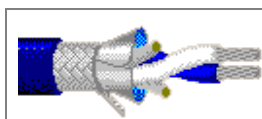


**89463 Twinax - Blue Hose® Cable**



For more Information  
please call  
  
1-800-Belden1



**Description**

20 AWG stranded (7x28) tinned copper conductors, FEP insulation, overall Beldfoil® (100% coverage) plus a tinned copper braid shield (76% coverage), FEP 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

Ins Material
FEP - Fluorinated Ethylene Propylene

**Outer Shield:**

Outer Shield Material

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	76

Outer Shield Drain Wire AWG

AWG	Stranding	Drain Wire Conductor Material
20	7x28	TC - Tinned Copper

**Outer Jacket:**

Outer Jacket Material

Outer Jacket Material
FEP - Fluorinated Ethylene Propylene

**Overall Cabling:**

Overall Nominal Diameter: .203 in.

**Pair:**

Pair Color Code Chart

Number	Color
1	Clear & Blue

**Mechanical Characteristics (Overall):**

Operating Temperature Range	-70°C To +200°C
UL Temperature Rating	200°C
Bulk Cable Weight:	36 lbs/1000 ft.
Max. Recommended Pulling Tension:	48 lbs.
Min. Bend Radius (Install):	2.500 in.

**Applicable Specifications and Agency Compliance (Overall):**

**Applicable Standards:**

NEC/(UL) Specification	CMP, CL2P
CEC/C(UL) Specification	CMP FT6

**89463 Twinax - Blue Hose® Cable**

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	04/01/2005
Customer Part Number Reference Specification	Allen Bradley P/N 1770-CD

**Flame Test:**

UL Flame Test	NFPA 262
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**Plenum/Non-Plenum:**

Plenum (Y/N)	Y
Non-Plenum Number	9463

**Electrical Characteristics (Overall):**

Nom. Characteristic Impedance

<b>Impedance (Ohm)</b>
78.000

Nom. Inductance

<b>Inductance (µH/ft)</b>
0.120

Nom. Capacitance Conductor to Conductor

<b>Capacitance (pF/ft)</b>
19.700

Nominal Velocity of Propagation

<b>VP (%)</b>
69

Nominal Delay

<b>Delay (ns/ft)</b>
1.470

Nom. Conductor DC Resistance

<b>DCR @ 20°C (Ohm/1000 ft)</b>
9.500

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

<b>Voltage</b>
300 V RMS

Other Electrical Characteristic 1

DC Resistance Unbalanced: .77 Ohms/1000 ft Max

Nominal Outer Shield DC Resistance

<b>DCR @ 20°C (Ohm/1000 ft)</b>
4.100

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