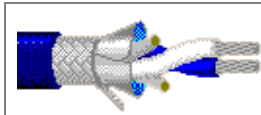


9463 Twinax - Blue Hose® Cable



For more Information
please call

1-800-Belden1



Description

20 AWG stranded (7x28) .038" tinned copper conductors, polyethylene insulation, Beldfoil® (100% coverage) plus a tinned copper braid shield (55% coverage), sunlight-resistant 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

Ins Material
PE - Polyethylene

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	55

Outer Shield Drain Wire AWG

AWG	Stranding	Drain Wire Conductor Material
20	7x28H	TC - Tinned Copper

Outer Jacket:

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling:

Overall Nominal Diameter: .238 in.

Pair:

Pair Color Code Chart

Number	Color
1	Clear & Blue

Mechanical Characteristics (Overall):

Operating Temperature Range -40°C To +80°C

UL Temperature Rating 80°C (UL AWM Style 2464)

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 CM, CL2

CEC/C(UL) Specification CM

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AWM Specification	UL Style 2464 (300 V 80°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	01/01/2005
PMSHA Specification	P-7K-SC-182141
Customer Part Number Reference Specification	Allen Bradley P/N 1770-CD

Flame Test:

UL Flame Test	UL1685 UL Loading
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Plenum/Non-Plenum:

Plenum (Y/N)	N
Plenum Number	89463

Electrical Characteristics (Overall):

Nom. Characteristic Impedance

Impedance (Ohm)
78.000

Nom. Inductance

Inductance (µH/ft)
0.120

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
19.700

Nom. Capacitance Cond. to Other Conductor & Shield

Capacitance (pF/ft)
36.000

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

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 2464)

Other Electrical Characteristic 1

DC Resistance Unbalanced: .77 Ohms/1000 ft Max

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
4.100

PUT UPS AND COLORS:

9463 Twinax - Blue Hose® Cable

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
9463 0011000	1,000 FT	39.000 LB	BROWN		78 OHM TWINAX BRN
9463 00110000	10,000 FT	380.000 LB	BROWN	C Z	78 OHM TWINAX BRN
9463 0016000	6,000 FT	234.000 LB	BROWN	C Z	78 OHM TWINAX BRN
9463 0031000	1,000 FT	39.000 LB	ORANGE	C	78 OHM TWINAX ORG
9463 00310000	10,000 FT	380.000 LB	ORANGE	C Z	78 OHM TWINAX ORG
9463 0036000	6,000 FT	234.000 LB	ORANGE	C Z	78 OHM TWINAX ORG
9463 0071000	1,000 FT	39.000 LB	VIOLET	C	00 OHM TWINAX VIO
9463 0076000	6,000 FT	234.000 LB	VIOLET	C Z	78 OHM TWINAX VIO
9463 J22100	100 FT	4.400 LB	BLUE, STRONG		78 OHM TWINAX BLUSTG
9463 J221000	1,000 FT	39.000 LB	BLUE, STRONG	C	78 OHM TWINAX BLUSTG
9463 J22500	500 FT	18.000 LB	BLUE, STRONG		78 OHM TWINAX BLUSTG
9463 J226000	6,000 FT	234.000 LB	BLUE, STRONG	C Z	78 OHM TWINAX BLUSTG
9463 J22U1000	1,000 FT	38.000 LB	BLUE, STRONG		78 OHM TWINAX BLUSTG
9463 J22U500	600 FT	23.400 LB	BLUE, STRONG		78 OHM TWINAX BLUSTG

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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