

9463F Twinax - Blue Hose® Cable



For more Information
please call

1-800-Belden1



Description

20 AWG stranded (42x36) tinned copper conductors, polyethylene insulation, Beldfoil® (100% coverage) plus a tinned copper braid shield (85% coverage), sunlight-resistant PVC jacket.

Physical Characteristics (Overall):

Conductor:

AWG

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1.000	20	42x36	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	85

Outer Jacket:

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling:

Overall Nominal Diameter: .243 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:	34 lbs/1000 ft.
Max. Recommended Pulling Tension:	40 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
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)	01/01/2004
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
Suitability:	
Sunlight Resistance	Yes
Plenum/Non-Plenum:	
Plenum (Y/N)	N

Impedance (Ohm)
78.000

Inductance (μH/ft)
0.120

Capacitance (pF/ft)
19.700

VP (%)
66

Delay (ns/ft)
1.540

DCR @ 20°C (Ohm/1000 ft)
9.500

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

Voltage
300 V RMS (UL AWM Style 2464)

DC Resistance Unbalanced: .77 Ohms/1000 ft Max

DCR @ 20°C (Ohm/1000 ft)
5.000

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C = CRATE REEL PUT-UP.

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