

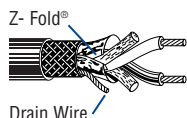
Industrial Data Solutions® — Industrial Twinax Blue Hose® Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m

78 Ohm • 20 AWG Stranded (7x28) .038" TC Conductors • Beldfoil® (100% Coverage) + TC Braid Shield (55% Coverage) • TC Drain Wire

Polyethylene Insulation • Blue Sunlight-resistant PVC Jacket (Color Code: Clear, Blue)

Blue Hose	9463	NEC:	100	30.5	4.2	1.9	20 AWG	.154	3.91	Beldfoil	.238	6.05	78	66%	19.7	64.6	1	.6	2.0
UL AWM		CM CL2	U-500	U-152.4	18.5	8.4	(7x28)			+55%							10	2.1	6.9
Style 2464		CEC:	500	152.4	18.5	8.4	.038"			TC Braid							50	5.0	16.4
(300V 80°C)		CM	U-1000	U-304.8	37.0	16.8	Tinned			4.1Ω/M'							100	7.5	24.6
			1000 [▲]	304.8	37.0	16.8	Copper			13.4Ω/km							200	11.0	36.1
			6000 ^{▲†}	1828.8	222.0	100.9	9.5Ω/M'										400	16.0	52.5
			10000 ^{▲†}	3048.0	370.0	168.0	31.0Ω/km												



CPE jacket optional.

Allen-Bradley P/N 1770-CD • P-7K-SC-182141-MSHA*

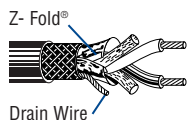
[▲]1000 ft. and 6000 ft. put-ups also available in Brown, Orange or Purple.

[†]10000 ft. put-up available in Brown or Orange only.

[†]Final put-up length may vary ±10% from length shown.)

Polyethylene Insulation • Blue Sunlight-resistant LDPE Jacket (Color Code: Clear, Blue)

Flooded Direct Burial Blue Hose	9463DB	—	1000	304.8	33.0	15.0	20 AWG	.154	3.91	Beldfoil	.240	6.10	78	66%	19.7	64.6	1	.6	2.0
300V 80°C			5000	1524.0	155.0	70.4	(7x28)			+55%							10	2.1	6.9
							.038"			TC Braid							50	5.0	16.4
							Tinned			4.1Ω/M'							100	7.5	24.6
							Copper			13.4Ω/km							200	11.0	36.1
							9.5Ω/M'										400	16.0	52.5
							31.0Ω/km												



Allen-Bradley P/N 1770-CD

78 Ohm • 20 AWG Stranded (42x36) .038" TC Conductors • Overall Beldfoil (100% Coverage) + TC Braid Shield (85% Coverage)

Polyethylene Insulation • Blue Sunlight-resistant PVC Jacket (Color Code: Clear, Blue)

High-Flex Blue Hose	9463F	NEC:	1000	304.8	42.0	19.1	20 AWG	.154	3.91	Beldfoil	.243	6.17	78	66%	19.7	64.6	1	.6	2.0
300V 60°C		CM CL2	5000	1524.0	205.0	93.1	(42x36)			+85%							10	2.1	6.9
		CEC:					.038"			TC Braid							50	5.0	16.4
		CM					Tinned			5.0Ω/M'							100	7.5	24.6
							Copper			6.4Ω/km							200	11.0	36.1
							9.5Ω/M'										400	16.0	52.5
							31.0Ω/km												

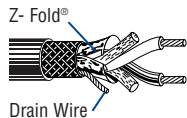


Allen-Bradley P/N 1770-CD • P-7K-SC-182141-MSHA*

78 Ohm • 20 AWG Stranded (7x28) .038" TC Conductors • Overall Beldfoil (100% Coverage) + TC Braid Shield (76% Coverage) • Drain Wire

Plenum • FEP Insulation • Blue FEP Jacket (Color Code: Clear, Blue)

High Temperature Blue Hose	89463	NEC:	1000	304.8	34.0	15.4	20 AWG	.151	3.83	Beldfoil	.203	5.16	78	69%	19.7	64.6	1	.6	2.0
300V 200°C		CMP CL2P	2500	762.0	90.0	40.9	(7x28)			+76%							10	2.1	6.9
		CEC:					.038"			TC Braid							50	5.0	16.4
		CMP FT6					Tinned			4.1Ω/M'							100	7.5	24.6
							Copper			13.4Ω/km							200	11.0	36.1
							9.5Ω/M'										400	16.0	52.5
							31.0Ω/km												



Allen-Bradley P/N 1770-CD

DCR = DC Resistance • FEP = Fluorinated Ethylene-propylene • LDPE = Low-density Polyethylene • TC = Tinned Copper

*Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration Certification.

Industrial Data Solutions® — Industrial Twinax

Blue Hose® and Other Twinaxial Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

78 Ohm • 20 AWG Stranded (7x28) TC Conductors • Overall Beldfoil® (100% Coverage) + TC Braid Shield (55% Coverage) • TC Drain Wire

Aluminum Interlocked Armor • PE Insulation • Blue Sunlight-resistant PVC Outer Jacket* (Color Code: Clear, Blue)

Aluminum Armored Blue Hose 300V 60°C	129463	NEC:	1000†	304.8	122.0	55.5	20 AWG	.154	3.91	Beldfoil	Inner Jacket:	78	66%	19.7	64.6	1	.6	2.0		
		CM CL2	6000†	1828.8	924.0	420.0	(7x28)			+55%	.238	6.05					10	2.1	6.9	
		CEC:					.038"			TC Braid								50	5.0	16.4
		CM,					Tinned			4.1Ω/M'	Overall:							100	7.5	24.6
		CMG FT4, HLBCD (Haz Loc)					Copper			13.4Ω/km	.563	14.30						200	11.0	36.1
						9.5Ω/M'											400	16.0	52.5	
						31.0Ω/km														



Drain Wire

*Blue PVC inner jacket.
Allen-Bradley P/N 1770-CD

Steel Interlocked Armor • PE Insulation • Blue Sunlight-resistant PVC Outer Jacket* (Color Code: Clear, Blue)

Steel Armored Blue Hose 300V 60°C	139463	NEC:	1000†	304.8	220.0	100.0	20 AWG	.154	3.91	Beldfoil	Inner Jacket:	78	66%	19.7	64.6	1	.6	2.0			
		CM CL2	6000†	1828.8	1488.0	676.4	(7x28)			+55%	.238	6.05						10	2.1	6.9	
		CEC:					.038"			TC Braid									50	5.0	16.4
		CM,					Tinned			4.1Ω/M'	Overall:								100	7.5	24.6
		CMG FT4, HLBCD (haz loc)					Copper			13.4Ω/km	.563	14.30							200	11.0	36.1
						9.5Ω/M'												400	16.0	52.5	
						31.0Ω/km															



Drain Wire

*Blue PVC inner jacket.
Allen-Bradley P/N 1770-CD

Continuously Corrugated AL Armor • PE Insulation • Blue Sunlight-resistant PVC Outer Jacket* (Color Code: Clear, Blue)

Continuously Armored Blue Hose 300V 60°C	189463	NEC:	2000†	609.6	258.0	117.1	20 AWG	.154	3.91	Beldfoil	Inner Jacket:	78	66%	19.7	64.6	1	.6	2.0				
		PLTC					(7x28)			+55%	.238	6.05							10	2.1	6.9	
		CEC:					.038"			TC Braid										50	5.0	16.4
		CM,					Tinned			4.1Ω/M'	Overall:									100	7.5	24.6
		CMG FT4, HLBCD (haz loc)					Copper			13.4Ω/km	.500	12.70								200	11.0	36.1
						9.5Ω/M'													400	16.0	52.5	
						31.0Ω/km																



Drain Wire

*Blue PVC inner jacket.
Allen-Bradley P/N 1770-CD

78 Ohm • 20 AWG Stranded (7x28) .038" Tinned Copper Conductors • Tinned Copper Braid Shield (93% Coverage)

Polyethylene Insulation • Blue PVC Jacket (Color Code: Clear, Blue)

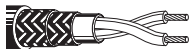
UL AWM Style 2092 (300V 60°C)	9272	NEC:	100	30.5	4.5	2.0	20 AWG	.156	3.96	93%	.244	6.20	78	66%	19.7	64.6	1	.6	2.0				
		CM	U-500	U-152.4	20.5	9.3	(7x28)			TC Braid										10	2.1	6.9	
		CEC:	500	152.4	20.0	9.1	.038"			Shield											50	5.0	16.4
		CM	U-1000	U-304.8	41.0	18.6	Tinned			3.4Ω/M'	For Plenum version of 9272, see 89272.										100	7.5	24.6
			1000	304.8	40.0	18.2	Copper			11.2Ω/km	CPE jacket optional.										200	11.0	36.1
						9.5Ω/M'														400	16.0	52.5	
						31.0Ω/km																	



95 Ohm • RG-22B/U Type • 18 AWG Stranded (7x26) Bare Copper Conductors†† • TC Double Braid Shield (95% Coverage)

Polyethylene Insulation • PE Inner Jacket • Black Non-contaminating PVC Outer Jacket

80°C VW-1	9250	—	500	152.4	61.5	27.9	18 AWG	.285	7.24	2	.416	10.57	95	66%	16.0	52.5	1	.3	1.0					
			1000	304.8	121.0	54.9	(7x26)			TC Braid											10	.9	3.0	
							.046"			95%												20	1.3	4.3
							BC			Shield												50	2.1	6.9
							6.6Ω/M'			.9Ω/M'	CPE jacket optional.											100	3.0	9.8
						21.5Ω/km			3.0Ω/km												400	6.3	20.7	



††One conductor has tinned center strand.

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • PE = Polyethylene • TC = Tinned Copper

*Final put-up length may vary ±10% from length shown.