

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.