

# Industrial Data Solutions® – Industrial Twinax

## Blue Hose® Cables



De-scription	Part No.	UL NEC / C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material 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/100 m

**20 AWG • Stranded (7x28) 1.0 mm Tinned Copper • Overall Beldfoil® + 55% Tinned Copper Braid • 20 AWG Tinned Copper Drain Wire**

**Polyethylene Insulation • Blue Sunlight-Resistant PVC Jacket**

300V 80°C	<b>9463</b>	NEC:	100	31	4.2	1.9	0.96 mm	0.076	1.92	Overall	0.238	6.05	78	66%	19.7	64.6	1	0.6	2.0
UL AWM Style 2464		CM CL2	U-500	U-152	18.5	8.4	20 AWG			Beldfoil®							10	2.1	6.9
		CEC:	500	152	18.5	8.4	(7x28) TC			+ Overall							50	5.0	16.4
		CM	U-1000	U-305	37.0	16.8				55% TC Braid							100	7.5	24.6
			1000	305	37.0	16.8				+ Drain Wire							200	11.0	36.1
			† 6000	1829	233.9	106.1				(20 AWG TC)							400	16.0	52.5
			† 10000	3048	370.8	168.2													



Z-Fold®

Color Code: Clear, Blue  
305 m, 1829 m and 3048 m put-ups also available in Brown, Orange or Violet.

Allen-Bradley P/N 1770-CD  
P-7K-SC-182141-MSHA\*  
CPE jacket optional.

**Polyethylene Insulation • Blue FRNC/LSNH Jacket**

300V 80°C	<b>9463NH</b>	IEC	1000	305	37.5	17.0	0.96 mm	0.077	1.96	Overall	0.250	6.35	78	66%	19.7	64.6			see above	
		332-3C	1640	500	64.6	29.3	20 AWG			Beldfoil®										
		BS 7655	3280	1000	117.5	53.3	(7x28) TC			+ Overall										
										55% TC Braid										
										+ Drain Wire										
										(20 AWG TC)										



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Color Code: Clear, Blue

**Polyethylene Insulation • Blue FRNC/LSNH Inner Jacket • Steel Wire Armor • Blue FRNC/LSNH Outer Jacket**

300V 80°C	<b>9463LS</b>	IEC	1640	500	249.1	113.0	0.96 mm	0.077	1.96	Overall	0.250	6.35	78	66%	19.7	64.6			see above	
Steel Wire Armor		332-3C	3280	1000	537.9	244.0	20 AWG			Beldfoil®	0.423	10.75								
		BS 7655	4920	1500	925.9	420.0	(7x28) TC			+ Overall										
										55% TC Braid										
										+ Drain Wire										
										(20 AWG TC)										



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Color Code: Clear, Blue

**Polyethylene Insulation • Blue Sunlight-Resistant LDPE Jacket**

300V 80°C	<b>9463DB</b>		1000	305	33.1	15.0	0.96 mm	0.076	1.92	Overall	0.240	6.10	78	66%	19.7	64.6			see above	
Flooded			5000	1524	155.2	70.4	20 AWG			Beldfoil®										
Direct Burial							(7x28) TC			+ Overall										
										55% TC Braid										
										+ Drain Wire										
										(20 AWG TC)										



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Color Code: Clear, Blue

Allen-Bradley P/N 1770-CD

**20 AWG • Stranded (42x36) 1.0 mm Tinned Copper • Overall Beldfoil® + 85% Tinned Copper Braid**

**Polyethylene Insulation • Blue Sunlight-Resistant PVC Jacket**

300V 60°C	<b>9463F</b>	NEC:	1000	305	42.1	19.1	0.97 mm	0.075	1.91	Overall	0.243	6.17	78	66%	19.7	64.6			see above	
UL AWM Style 2464		CM CL2	5000	1524	205.2	93.1	20 AWG			Beldfoil®										
		CEC:					(42x36) TC			+ Overall										
		CM								85% TC Braid										



Z-Fold®

High-Flex

Color Code: Clear, Blue

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

TC = Tinned Copper • DCR = DC resistance

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

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