

Industrial Data Solutions® - Interconnect Cables

Shielded Twisted Pair 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		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Twisted Pair • Beldfoil® • 24 AWG Tinned Copper Drain Wire

Datalene® Insulation • Chrome PVC Jacket																		
300V 60°C	9729	NEC:	100	31	4.4	2.0	0.61 mm	0.061	1.55	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.266	6.76	100	76%	CDR/CDR CDR/SCR	12.5 23.2	41.0 76.1	Red, Black White, Black
UL AWM Style 2493		CM	500	152	20.5	9.3	24 AWG											
		CEC:	1000	305	39.0	17.7	(7x32) TC											
		CM	10000	3049	390.4	177.1												



Z-Fold®

2-Pair

Datalene® Insulation • Black FRNC/LSNH Jacket • Color Coded Foils (Red, Green)

300V 80°C	9729NH	IEC	1000	305	44.1	20.0	0.61 mm	0.061	1.55	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.335	8.50	100	76%	CDR/CDR CDR/SCR	12.5 23.2	41.0 76.1	Red, Black White, Black
		332-3C	1640	500	74.5	33.8	24 AWG											
		BS 7655	3280	1000	137.3	62.3	(7x32) TC											



Z-Fold®

2-Pair

Datalene® Insulation • Chrome FRNC/LSNH Inner Jacket • Steel Wire Armor • Black Sunlight-Resistant FRNC/LSNH Jacket • Color Coded Foils (Red, Green)

300V 80°C	9729LS	IEC	1640	500	347.2	157.5	0.61 mm	0.061	1.55	Individual Beldfoil® + Drain Wire (24 AWG TC)	*0.335 **0.512	*8.50 **13.00	100	76%	CDR/CDR CDR/SCR	12.5 23.2	41.0 76.1	Red, Black White, Black
		332-3C	3280	1000	672.4	305.0	24 AWG											
		BS 7655					(7x32) TC											



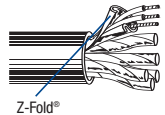
Z-Fold®

2-Pair

* Under Armor
** Over Armor

22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • Twisted Pair • Beldfoil® • 22 AWG Tinned Copper Drain Wire

Polypropylene Insulation • Chrome PVC Jacket																		
30V 80°C	8777	NEC:	100	31	4.6	2.1	0.76 mm	0.050	1.27	Individual Beldfoil® + Drain Wire (22 AWG TC)	0.273	6.93	50	66%	CDR/CDR CDR/SCR	30.0 55.0	98.0 180.0	Red, Black White, Black Green, Black
UL AWM Style 2919		CM	250	76	11.0	5.0	22 AWG											
		CEC:	U-500	U-152	20.9	9.5	(7x30) TC											
		CM	500	152	20.9	9.5												
			U-1000	U-305	41.0	18.6												
			1000	305	42.1	19.1												
			1640	500	67.2	30.5												
			3280	1000	137.8	62.5												
			5000	1524	210.1	95.3												
			10000	3049	450.4	204.3												



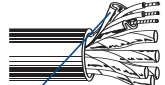
Z-Fold®

3-Pair

For Plenum version of 8777, see 88777, 87777 or 82777.

Polypropylene Insulation • Chrome FRNC/LSNH Jacket • Color Coded Foils (Red, Green, Blue)

300V 80°C	8777NH	IEC	1000	305	50.7	23.0	0.76 mm	0.050	1.27	Individual Beldfoil® + Drain Wire (22 AWG TC)	0.276	7.00	50	66%	CDR/CDR CDR/SCR	30.0 55.0	98.4 180.4	Red, Black White, Black Green, Black
		332-3C	1640	500	78.5	35.6	22 AWG											
		BS 7655	3280	1000	151.5	68.7	(7x30) TC											



Z-Fold®

3-Pair

TC = Tinned Copper • DCR = DC resistance



For more information, contact Belden Technical Support +31-77-3875-414 • www.belden-emea.com

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Shielded Twisted Pair Cables

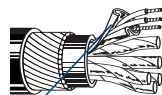


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • Twisted Pair • Beldfoil® • 22 AWG Tinned Copper Drain Wire

Polyethylene Insulation • Chrome FRNC/LSNH Inner Jacket • Steel Wire Armor • Black Sunlight-Resistant FRNC/LSNH Jacket • Color Coded Foils (Red, Green, Blue)

300V 80°C	8777LS	IEC	1640	500	290.3	131.7	0.76 mm 22 AWG (7x30) TC	0.050	1.27	Individual Beldfoil® + Drain Wire (22 AWG TC)	*0.276	*7.00	50	66%	CDR/CDR	30.0	98.4	Red, Black Green, White Green, Black
		332-3C BS 7655	3280	1000	712.5	323.2					**0.425	**10.80			CDR/SCR	55.0	180.4	



Z-Fold®

3-Pair

* Under Armor
** Over Armor

22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • Twisted Pair • Beldfoil® • 24 AWG Tinned Copper Drain Wire

Polypropylene Insulation • Chrome PVC Jacket

300V RMS 60°C	8723	NEC:	100	31	2.2	1.0	0.76 mm 22 AWG (7x30) TC	0.046	1.17	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.168	4.27	45	66%	CDR/CDR	35.0	115.0	Red, Black Green, White
		CM	U-500	U-152	10.6	4.8									CDR/SCR	62.0	203.0	
		CEC:	500	152	9.9	4.5												
		CM	U-1000	U-305	20.1	9.1												
			1000	305	20.1	9.1												
			1640	500	32.8	14.9												
			U-2000	U-610	40.1	18.2												
			2000	610	40.1	18.2												
			3280	1000	65.7	29.8												
			5000	1524	95.0	43.1												
			10000	3049	200.4	90.9												



2-Pair

For Plenum version of 8723, see 88723, 87723 or 82723
Pairs cabled on common axis to reduce diameter.

Polypropylene Insulation • Chrome FRNC/LSNH Jacket

300V 80°C	8723NH	IEC	1000	305	23.1	10.5	0.76 mm 22 AWG (7x30) TC	0.046	1.17	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.179	4.55	45	66%	CDR/CDR	35.0	114.8	Red, Black Green, White
		332-3C BS 7655	1640	500	36.8	16.7									CDR/SCR	62.0	203.4	



2-Pair

Pairs cabled on common axis to reduce diameter.

Polypropylene Insulation • Chrome FRNC/LSNH Inner Jacket • Steel Wire Armor • Black Sunlight-Resistant FRNC/LSNH Jacket

300V 80°C	8723LS	IEC	1640	500	168.7	76.5	0.76 mm 22 AWG (7x30) TC	0.046	1.17	Individual Beldfoil® + Drain Wire (24 AWG TC)	*0.179	*4.55	45	66%	CDR/CDR	35.0	114.8	Red, Black Green, White
		332-3C BS 7655	3280	1000	350.1	158.8					**0.346	**8.80			CDR/SCR	62.0	203.4	



2-Pair

* Under Armor
** Over Armor

Plenum • FEP Insulation • Red FEP Jacket

300V RMS Non-conduit	88723	NEC:	100	31	3.3	1.5	0.76 mm 22 AWG (7x30) TC	0.046	1.17	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.148	3.76	40	69%	CDR/CDR	35.0	115.0	Red, Black Green, White
		CMP	500	152	11.0	5.0									CDR/SCR	67.0	220.0	
		CEC:	1000	305	20.9	9.5												
		CMP FT6																



Z-Fold®

2-Pair

TC = Tinned Copper • DCR = DC resistance

Industrial Data Solutions® – Interconnect Cable

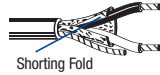
Shielded Twisted Pair Cables



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			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

18 AWG • Stranded (16x30) 1.2 mm Tinned Copper • Twisted Pair • Beldfoil® • 20 AWG Tinned Copper Drain Wire

Polyethylene Insulation • Chrome PVC Jacket																		
300V 60°C	8760	NEC:	250	76	6.8	3.1	1.2 mm	0.082	2.08	Overall Beldfoil® + Drain Wire (20 AWG TC)	0.222	5.64	–	–	CDR/CDR	24.0	79.0	Black, Clear
UL AWM Style 2092		CM	U-500	U-152	13.0	5.9	18 AWG									CDR/SCR	44.0	
		CEC:	500	152	13.0	5.9	(16x30) TC											
		CM	U-1000	U-305	26.0	11.8												
			1000	305	26.0	11.8												
			2000	610	50.0	22.7												
			5000	1524	135.1	61.3												
			10000	3049	260.1	118.0												



Shorting Fold

1-Pair

For Plenum version of 8760, see 88760, 87760 or 82760.

Polyethylene Insulation • Chrome FRNC/LSNH Jacket																		
300V 80°C	8760NH	IEC	1000	305	34.6	15.7	1.2 mm	0.082	2.08	Overall Beldfoil® + Drain Wire (20 AWG TC)	0.236	6.00	60	66%	CDR/CDR	24.0	78.7	Black, Clear
		332-3C	1640	500	54.2	24.6	18 AWG									CDR/SCR	44.0	
		BS 7655	3280	1000	110.5	50.1	(16x30) TC											



Shorting Fold

1-Pair

Polyethylene Insulation • Chrome FRNC/LSNH Inner Jacket • Steel Wire Armor • Black Sunlight-Resistant FRNC/LSNH Jacket																		
300V 80°C	8760LS	IEC	1640	500	270.1	122.5	1.2 mm	0.082	2.08	Overall Beldfoil® + Drain Wire (20 AWG TC)	*0.236	*6.00	60	66%	CDR/CDR	24.0	78.7	Black, Clear
		332-3C	3280	1000	610.5	276.9	18 AWG				**0.409	**10.40				CDR/SCR	44.0	
		BS 7655					(16x30) TC											



Shorting Fold

1-Pair

* Under Armor
** Over Armor

TC = Tinned Copper • DCR = DC resistance