

Feeder Straight Lengths

Additional items are available within 2-4 weeks on an "order only" basis. Consult Factory		Aluminum						Copper					
		10'0" Length		6'0" Length		1'6" Length		10'0" Length		6'0" Length		1'6" Length	
Number of Poles	Amp Rating	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price
3Ø3W + Integral Ground Bus	800	AF2308G10ST	\$1970.	AF2308G6ST	\$1182.	AF2308G18ST	\$ 788.	CF2308G10ST	\$3220.	CF2308G6ST	\$1932.	CF2308G18ST	\$1288.
	1000	AF2310G10ST	2200.	AF2310G6ST	1320.	AF2310G18ST	880.	CF2310G10ST	3410.	CF2310G6ST	2046.	CF2310G18ST	1364.
	1200	AF2312G10ST	2960.	AF2312G6ST	1776.	AF2312G18ST	1184.	CF2312G10ST	4420.	CF2312G6ST	2652.	CF2312G18ST	1768.
	1600	AF2316G10ST	4190.	AF2316G6ST	2514.	AF2316G18ST	1676.	CF2316G10ST	5930.	CF2316G6ST	3558.	CF2316G18ST	2372.
	2000	AF2320G10ST	5020.	AF2320G6ST	3012.	AF2320G18ST	2008.	CF2320G10ST	7570.	CF2320G6ST	4542.	CF2320G18ST	3028.
2500	AF2325G10ST	6110.	AF2325G6ST	3666.	AF2325G18ST	2444.	.....	.....	.....	.....	.....	.....
3000	AF2330G10ST	6990.	AF2330G6ST	4194.	AF2330G18ST	2796.	.....	.....	.....	.....	.....	.....
3Ø4W + Integral Ground Bus	800	AF2508G10ST	2390.	AF2508G6ST	1434.	AF2508G18ST	956.	CF2508G10ST	4170.	CF2508G6ST	2502.	CF2508G18ST	1668.
	1000	AF2510G10ST	2890.	AF2510G6ST	1734.	AF2510G18ST	1156.	CF2510G10ST	4930.	CF2510G6ST	2958.	CF2510G18ST	1972.
	1200	AF2512G10ST	3610.	AF2512G6ST	2166.	AF2512G18ST	1444.	CF2512G10ST	5900.	CF2512G6ST	3540.	CF2512G18ST	2360.
	1600	AF2516G10ST	5000.	AF2516G6ST	3000.	AF2516G18ST	2000.	CF2516G10ST	7970.	CF2516G6ST	4782.	CF2516G18ST	3188.
	2000	AF2520G10ST	6110.	AF2520G6ST	3666.	AF2520G18ST	2444.	CF2520G10ST	9810.	CF2520G6ST	5886.	CF2520G18ST	3924.
2500	AF2525G10ST	7500.	AF2525G6ST	4500.	AF2525G18ST	3000.	.....	.....	.....	.....	.....	.....
3000	AF2530G10ST	8720.	AF2530G6ST	5232.	AF2530G18ST	3488.	.....	.....	.....	.....	.....	.....

Feeder Fittings

Additional items are available within 2-4 weeks on an "order only" basis. Consult Factory		Aluminum						Copper					
		End Tap Box		Edgewise Elbow		Flatwise Elbow		End Tap Box		Edgewise Elbow		Flatwise Elbow	
Number of Poles	Amp Rating	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price
3Ø3W + Integral Ground Bus	800	AF2308GETBMB	\$2372.	AF2308GLEM11	\$1093.	AF2308GLFM11	\$1093.	CF2308GETBMB	\$2476.	CF2308GLEM11	\$1322.	CF2308GLFM11	\$1322.
	1000	AF2310GETBMB	2459.	AF2310GLEM11	1135.	AF2310GLFM12	1172.	CF2310GETBMB	2560.	CF2310GLEM11	1357.	CF2310GLFM11	1357.
	1200	AF2312GETBMB	2627.	AF2312GLEM11	1526.	AF2312GLFM12	1575.	CF2312GETBMB	2748.	CF2312GLEM11	1793.	CF2312GLFM12	1867.
	1600	AF2316GETBMB	2893.	AF2316GLEM11	1751.	AF2316GLFM13	1891.	CF2316GETBMB	3038.	CF2316GLEM11	2070.	CF2316GLFM12	2169.
	2000	AF2320GETBMB	3128.	AF2320GLEM11	1903.	AF2320GLFM15	2238.	CF2320GETBMB	3341.	CF2320GLEM11	2371.	CF2320GLFM13	2623.
2500	AF2325GETBMB	3715.	AF2325GLEM11	2103.	AF2325GLFM17	2714.	.....	.....	.....	.....	.....	.....
3000	AF2330GETBMB	4002.	AF2330GLEM11	2265.	AF2330GLFM18	3080.	.....	.....	.....	.....	.....	.....
3Ø4W + Integral Ground Bus	800	AF2508GETBMB	2704.	AF2508GLEM11	1334.	AF2508GLFM11	1334.	CF2508GETBMB	2853.	CF2508GLEM11	1661.	CF2508GLFM11	1661.
	1000	AF2510GETBMB	2856.	AF2510GLEM11	1426.	AF2510GLFM12	1474.	CF2510GETBMB	3026.	CF2510GLEM11	1800.	CF2510GLFM11	1800.
	1200	AF2512GETBMB	3026.	AF2512GLEM11	1901.	AF2512GLFM12	1961.	CF2512GETBMB	3217.	CF2512GLEM11	2321.	CF2512GLFM12	2419.
	1600	AF2516GETBMB	3340.	AF2516GLEM11	2156.	AF2516GLFM13	2322.	CF2516GETBMB	3587.	CF2516GLEM11	2700.	CF2516GLFM12	2833.
	2000	AF2520GETBMB	3706.	AF2520GLEM11	2359.	AF2520GLFM15	2767.	CF2520GETBMB	4015.	CF2520GLEM11	3038.	CF2520GLFM13	3365.
2500	AF2525GETBMB	4503.	AF2525GLEM11	2614.	AF2525GLFM17	3364.	.....	.....	.....	.....	.....	.....
3000	AF2530GETBMB	4961.	AF2530GLEM11	2838.	AF2530GLFM18	3855.	.....	.....	.....	.....	.....	.....

Plug-In

Additional items are available within 2-4 weeks on an "order only" basis. Consult Factory		Aluminum						Copper					
						For use on both Aluminum and Copper Busway							
		10'0" Length		4'0" Length		Plug-in Tap Box		10'0" Length		4'0" Length			
Number of Poles	Amp Rating	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price		
3Ø3W + Integral Ground Bus	800	AP2308G10ST	\$1970.	AP2308G4ST	\$ 788.	PTB316G ()▲■	\$2332.	CP2308G10ST	\$3220.	CP2308G4ST	\$1288.		
	1000	AP2310G10ST	2200.	AP2310G4ST	880.	PTB316G ()■	2332.	CP2310G10ST	3410.	CP2310G4ST	1364.		
	1200	AP2312G10ST	2960.	AP2312G4ST	1184.	PTB316G ()■	2332.	CP2312G10ST	4420.	CP2312G4ST	1768.		
	1600	AP2316G10ST	4190.	AP2316G4ST	1676.	PTB316G ()■	2332.	CP2316G10ST	5930.	CP2316G4ST	2372.		
	2000	AP2320G10ST	5020.	AP2320G4ST	2008.	.....	.....	CP2320G10ST	7570.	CP2320G4ST	3028.
2500	AP2325G10ST	6110.	AP2325G4ST	2444.	.....	.....	.....	.....	.....	.....
3000	AP2330G10ST	6990.	AP2330G4ST	2796.	.....	.....	.....	.....	.....	.....
3Ø4W + Integral Ground Bus	800	AP2508G10ST	2390.	AP2508G4ST	956.	PTB516G ()▲■	2662.	CP2508G10ST	4170.	CP2508G4ST	1668.		
	1000	AP2510G10ST	2890.	AP2510G4ST	1156.	PTB516G ()■	2662.	CP2510G10ST	4930.	CP2510G4ST	1972.		
	1200	AP2512G10ST	3610.	AP2512G4ST	1444.	PTB516G ()■	2662.	CP2512G10ST	5900.	CP2512G4ST	2360.		
	1600	AP2516G10ST	5000.	AP2516G4ST	2000.	PTB516G ()■	2662.	CP2516G10ST	7970.	CP2516G4ST	3188.		
	2000	AP2520G10ST	6110.	AP2520G4ST	2444.	.....	.....	CP2520G10ST	9810.	CP2520G4ST	3924.
2500	AP2525G10ST	7500.	AP2525G4ST	3000.	.....	.....	.....	.....	.....	.....
3000	AP2530G10ST	8720.	AP2530G4ST	3488.	.....	.....	.....	.....	.....	.....

▲ Cannot be used for 800A Copper Busway.
■ Add "H" on to end of the catalog number for units mounted horizontally and "V" for units mounted vertically.

Accessories

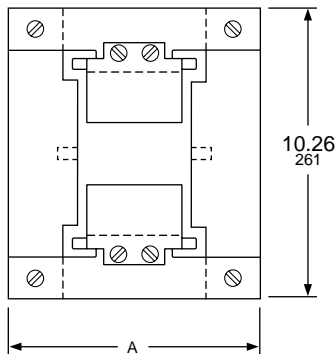
Amp Rating		Hanger (Catalog No.)			End Closure		Wall Flange		
Aluminum	Copper	Flatwise	Vertical	Edgewise	Price	Catalog No.	Price	Catalog No.	Price
.....	800	HF38F	HFV	HF43E	\$ 32.	ACF38EC	\$223.	ACF38WF	\$209.
800	1000	HF43F	HFV	HF43E	32.	ACF43EC	223.	ACF43WF	209.
1000	1200	HF53F	HFV	HF58E	32.	ACF53EC	223.	ACF53WF	209.
.....	1350	HF58F	HFV	HF58E	32.	ACF58EC	223.	ACF58WF	209.
1200	.....	HF63F	HFV	HF67E	32.	ACF63EC	223.	ACF63WF	209.
.....	1600	HF67F	HFV	HF67E	32.	ACF67EC	223.	ACF67WF	209.
1350	.....	HF73F	HFV	HF78E	32.	ACF73EC	223.	ACF73WF	209.
.....	2000	HF78F	HFV	HF78E	32.	ACF78EC	223.	ACF78WF	209.
1600	.....	HF88F	HFV	HF88E	32.	ACF88EC	223.	ACF88WF	209.
2000	2500	HF13F	HFV	HF13E	32.	ACF13EC	289.	ACF13WF	209.
.....	3000	HF15F	HFV	HF15E	32.	ACF15EC	289.	ACF15WF	209.
2500	HF16F	HFV	HF16E	32.	ACF17EC	289.	ACF17WF	209.
3000	HF19F	HFV	HF19E	32.	ACF19EC	289.	ACF19WF	303.

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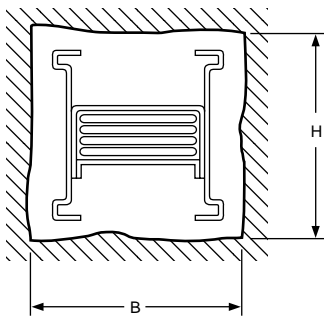
800-5000 A Physical Data/Catalog Numbering System

Wall And Floor Flange



Ampere Rating		A		Catalog Number
Aluminum	Copper	IN	mm	
...	800	8.32	211	ACF-38-WF
...	1000	8.82	224	ACF-43-WF
...	1200	9.82	249	ACF-53-WF
...	1350	10.32	262	ACF-58-WF
...	...	10.82	275	ACF-63-WF
...	1600	11.22	285	ACF-67-WF
...	...	11.82	300	ACF-73-WF
...	2000	12.32	313	ACF-78-WF
...	...	13.32	338	ACF-88-WF
...	2500	17.20	437	ACF-13-WF
...	...	19.70	500	ACF-15-WF
...	3000	20.70	526	ACF-17-WF
...	...	23.20	589	ACF-19-WF
...	...	28.08	713	ACF-24-WF
...	4000	29.58	751	ACF-25-WF
...	...	30.08	764	ACF-26-WF

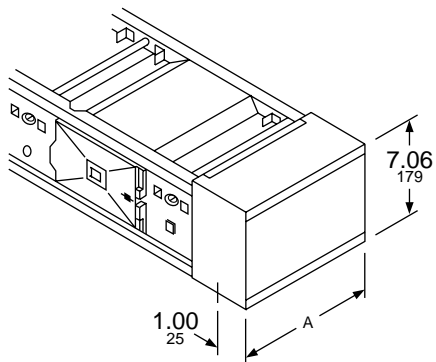
Required Wall And Floor Openings



Ampere Rating		Str. Lnth.		Fl. End		Flatwise Elbow★						Edgewise Elbow★							
Aluminum	Copper	B	H	B	H	H	Wall Thickness						B	Wall Thickness					
							4	8	12	16	20	24		4	8	12	16	20	24
...	800	6	8	10	15	8	9	11	13	15	17	19	6	12	14	16	18	20	22
...	1000	6	8	10	15	8	10	12	14	16	18	20	6	12	14	16	18	20	22
...	1200	7	8	11	15	8	12	14	16	18	20	22	7	12	14	16	18	20	22
...	1350	8	8	12	15	8	12	14	16	18	20	22	8	12	14	16	18	20	22
...	...	8	8	13	15	8	13	15	17	19	21	23	8	12	14	16	18	20	22
...	1350	9	8	14	15	8	14	16	18	20	22	24	9	12	14	16	18	20	22
...	1600	10	8	17	21	8	15	17	19	21	23	25	10	12	14	16	18	20	22
...	2000	11	8	17	21	8	17	19	21	23	25	27	11	12	14	16	18	20	22
...	...	15	8	19	21	8	22	24	26	28	30	32	15	12	14	16	18	20	22
...	3000	17	8	23	21	8	26	28	30	32	34	36	17	12	14	16	18	20	22
...	...	18	8	23	21	8	27	29	31	33	35	37	18	12	14	16	18	20	22
...	2500	21	8	26	21	8	31	33	35	37	39	41	21	12	14	16	18	20	22
...	3000	26	8	32	21	8	37	39	41	43	45	47	26	12	14	16	18	20	22
...	...	27	8	32	21	8	40	42	44	46	48	50	27	12	14	16	18	20	22
...	4000	27	8	32	21	8	40	42	44	46	48	50	27	12	14	16	18	20	22
...	...	28	8	32	21	8	40	42	44	46	48	50	28	12	14	16	18	20	22

★Wall thickness is in inches. To convert to millimeters, multiply the thickness in inches by 25.4.

End Closure (Indoor Only)



Ampere Rating		A		Catalog Number
Aluminum	Copper	IN	mm	
...	800	4.34	110	ACF-38-EC
...	1000	4.84	123	ACF-43-EC
...	1200	5.84	148	ACF-53-EC
...	1350	6.34	161	ACF-58-EC
...	...	6.84	174	ACF-63-EC
...	1600	7.24	184	ACF-67-EC
...	...	7.84	199	ACF-73-EC
...	2000	8.34	212	ACF-78-EC
...	...	9.34	237	ACF-88-EC
...	2500	13.22	336	ACF-13-EC
...	...	15.72	399	ACF-15-EC
...	3000	16.72	425	ACF-17-EC
...	...	19.22	488	ACF-19-EC
...	...	24.10	612	ACF-24-EC
...	4000	25.60	650	ACF-25-EC
...	...	26.10	663	ACF-26-EC

Dual Dimensions: INCHES
Millimeters



General

I-LINE® Busway offers a complete line of compatible, sandwich type feeder and plug-in busway lengths and fittings. It allows maximum flexibility, ease of installation and electrical efficiency in the distribution of low voltage power for both commercial and industrial applications.

I-LINE busway has been used to supply power in thousands of installations throughout the world for more than three decades. Our broad range of I-LINE Busway products include: I-LINE Plug-In Style from 225 A–600 A with aluminum or copper conductors; I-LINE II Plug-In and Feeder styles from 800 A to 4000 A with aluminum conductors, and to 5000 A with copper conductors. I-LINE and I-LINE II busways are constructed in 3 pole and 4 pole full neutral configurations for system voltages to 600 volts and are rated to allow 100% of the current to flow continuously.

Busway installation is quick and easy. The compact, totally enclosed design is lightweight and easy to handle. Labor studies have shown a 75% savings in installation time is not uncommon when comparing I-LINE busway with cable and conduit installations. This significant reduction in installation time can result in total installed cost for busway being significantly lower than other distribution methods.

In addition, a wide variety of busway components and plug-in units are available from stock for fast delivery.

When you need busway, select the best...I-LINE busway. Our design and construction has been time-tested in many years of use throughout the world. No matter how you compare, I-LINE busway is your solid first choice!

Sandwich Construction

I-LINE feeder and plug-in busway both utilize sandwich type construction to provide superior voltage drop characteristics even at low power factors.

Steel housing sides and aluminum tops and bottoms have been carefully designed to reduce component weight and minimize the hysteresis and eddy current losses which are common in all steel housings.

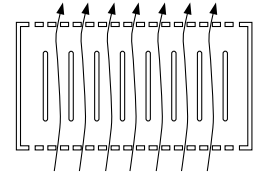
Plug-in busway ratings which utilize two or three bus bars per phase have a phase paralleling feature at the joint assembly of each straight length. This helps equalize bus bar loading when plugs are mounted on one side only.

The plug-in housing has notches along the top rail for easy alignment and installation of plug-in units.

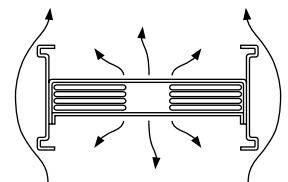
Within the same ampere rating, all I-LINE II Busway lengths and fittings are fully compatible between Feeder and Plug-In styles using standard universal tie channels (housing "splice plates") supplied with each component.

Totally Enclosed Housing

Ventilated busway depends on free air movement through a perforated housing to cool the bus bars. Unless mounted in its preferred position (maximum bus bar cooling), ventilated busway must be derated. Ventilated housing also permits dirt accumulation and limited protection of bus bars due to open ventilating slots in the housing.

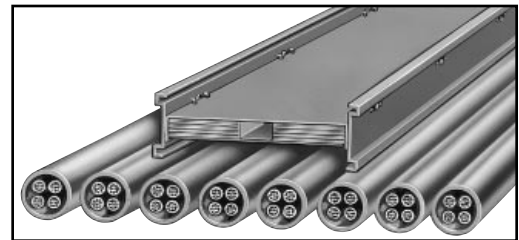


I-LINE busway has a modern "totally enclosed" housing design requiring no derating regardless of mounting position. Because the housing has no ventilating holes, the entry of dirt and possibility of accidental contact with bus bars is greatly reduced.



Compact Size

I-LINE II busway is compact. The small size means it may be used in locations where feeder circuits would not otherwise be possible. Efficient use of light weight raw materials is an additional factor in I-LINE busway's compact design.



Finish

I-LINE busway housing appearance has been further enhanced by the addition of a multi-million dollar cationic electro-deposition paint system to our production facility. I-LINE busway users get a tough, durable uniform "E-Coat" epoxy paint finish making their busway installations functional and attractive for years to come.

Insulation

All bus bars are insulated using Class B rated (130°C vendor certified) materials to prolong insulation life. I-LINE busway insulation consists of two layers of heat-formed polyester film surrounding each bus bar. On plug-in busway lengths, all insulation is notched at the openings to allow plug-in unit mounting.

