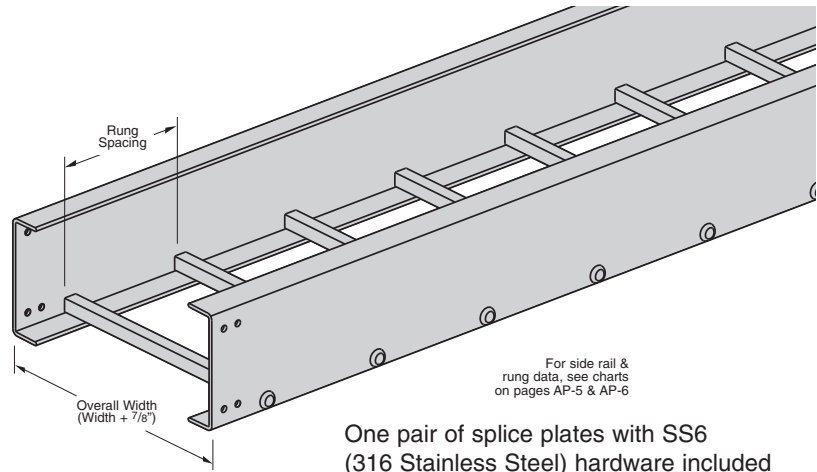
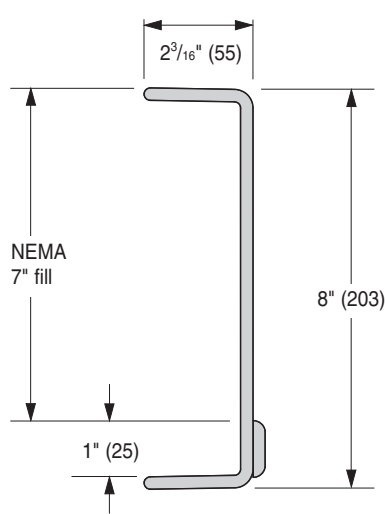


Fiberglass - 8" Straight Section



For side rail & rung data, see charts on pages AP-5 & AP-6
 One pair of splice plates with SS6 (316 Stainless Steel) hardware included

Series 48 Fiberglass Straight Section Part Numbering

Prefix
 Example: **48 F 09 - 24 - 120**

Series	Material	Type	Width	Length
48	<ul style="list-style-type: none"> ● F = Polyester ● FV = Vinyl Ester ● FA = Zero Halogen Dis-Stat 	Ladder - <ul style="list-style-type: none"> ● 06 = 6" rung spacing ● 09 = 9" rung spacing ● 12 = 12" rung spacing 	<ul style="list-style-type: none"> ● 06 = 6" ● 09 = 9" ● 12 = 12" ● 18 = 18" ● 24 = 24" ● 30 = 30" ● 36 = 36" 	<ul style="list-style-type: none"> ● ① 120 = 10 ft. ● ② 240 = 20 ft. <p>①Primary Length. ②Secondary Length.</p> <p>See page 39 for explanation of lengths.</p>

See page 355 for additional rung options.

B-Line Series	Side Rail Dimensions	NEMA & CSA Classifications	Span ft	Load lbs/ft	Deflection Multiplier	Span meters	Load kg/m	Deflection Multiplier
48F 48FV		NEMA: 20C+	12	348	0.003	3.7	518	0.052
			14	256	0.006	4.3	381	0.097
			16	196	0.010	4.9	291	0.165
			18	155	0.015	5.5	231	0.210
			20	125	0.024	6.1	187	0.401
48FA		NEMA: 20C+	12	278		3.7	413	
			14	204		4.3	303	
			16	156		4.9	232	
			18	123		5.5	183	
			20	100		6.1	149	

Values are based on simple beam tests per NEMA VFG-1 on 36" wide cable tray rungs spaced on 12" centers. Published load safety factor is 1.5. To convert 1.5 safety factor to 2.0, multiply published load by 0.75. To obtain mid-span deflection, multiply a load by the deflection multiplier. Cable tray must be supported on spans shorter than or equal to the length of the cable being installed.

When trays are used in continuous spans, the deflection of the tray is reduced by as much as 50%.

Dimensions shown in parentheses are in millimeters, unless otherwise specified.

● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items