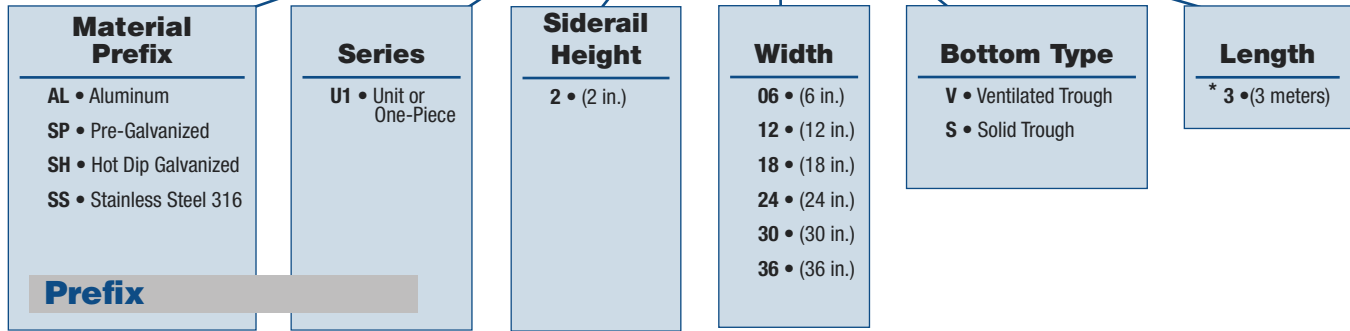


## Straight Lengths

3-5/8 in. Straight Sections / AL, SP, SH, SS  
Solid and Vented

### Straight Section Number Selection

**(ALU13) 12V-3**



\* Standard straight length is 10 feet nominal = actually 3 m.  
1 m = 3.2808 ft.      3 m = 9.842 ft.

### Technical Specifications

All calculations and data are based on 36 in. wide cable trays with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

#### Deflection factor

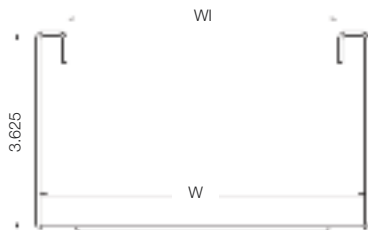
For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor. For Fittings consult pages A50 to A87.

Series		Support Span (Feet)							
		6	8	10	12	14	16	18	20
<b>ALU13</b>	Load (lb./ft.)	180	101	65	–	–	–	–	–
	Deflection (in.)	0.382	0.430	0.540	–	–	–	–	–
	Deflection Factor	0.002	0.004	0.008	–	–	–	–	–
<b>SPU13</b> <b>SHU13</b>	Load (lb./ft.)	180	101	65	–	–	–	–	–
	Deflection (in.)	0.125	0.250	0.320	–	–	–	–	–
	Deflection Factor	0.001	0.002	0.005	–	–	–	–	–
<b>SSU13</b>	Load (lb./ft.)	180	101	65	–	–	–	–	–
	Deflection (in.)	0.125	0.250	0.320	–	–	–	–	–
	Deflection Factor	0.001	0.002	0.005	–	–	–	–	–

## Straight Lengths

### 3-5/8 in. Straight Sections / AL, SP, SH, SS

Solid and Vented



All U13 Series (Dimensions)	
W (in.)	Wi (in.)
6	5.0
9	8.0
12	11.0
18	17.0
24	23.0
30	29.0
36	35.0



### Technical Specifications

#### LOAD RATINGS

1.5 Safety factor. All tray sections will support an additional 200 lb. concentrated load on any portion of tray above and beyond published load class.

Series	Dimensions	CLASSIFICATIONS	
		NEMA	CSA
<b>ALU-13</b>	See Above	<b>8C</b>	<b>C</b>
<b>SPU13</b> <b>SHU13</b>	See Above	<b>8C</b>	<b>C</b>
<b>SSU13</b>	See Above	<b>8C</b>	<b>C</b>