

ISA's Main 6x3 Strut Rail is typically used as the main supporting rail for the 3x2 module rails. This rail is a higher capacity main rail where the 4x3 rail capacity is exceeded. It is also used with the PSS as the sleeper, or load distribution rail, for the rafter style roof structures such as Apartments & Hotels.

### Physical Characteristics:

Dimensions: 6" High x 3" Wide

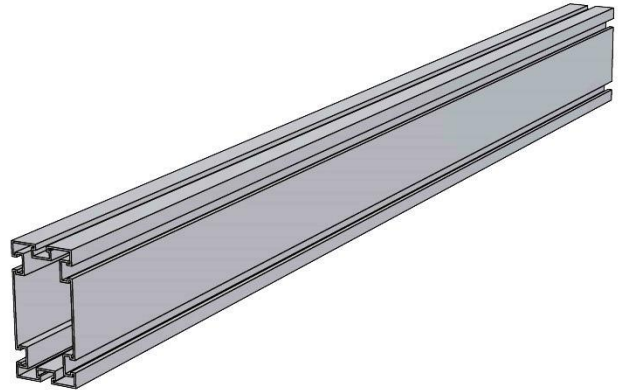
Weight: 2.51 Lbs/Ft.

### Structural Characteristics:

$S_{yymin} = 1.1.848 \text{ in}^3$   $I_{yymin} = 2.772 \text{ in}^4$   $r_{yymin} = 1.14 \text{ in}$

$S_{zzmin} = 3.432 \text{ in}^3$   $I_{zzmin} = 10.296 \text{ in}^4$   $r_{zzmin} = 2.19 \text{ in}$

$A_g = 2.149 \text{ in}^2$   $A_e = 2.149 \text{ in}^2$



### Material:

-Extruded Aluminum, 6061-T6/6005-T6

### Support Span Capacity:

24 Ft. – As module rail

Up to 15 Ft. – As Main Support Rail

### Roof Attachment Methods:

Post with U Bracket

Post with Vertical Strut Member

### Panel Rail Attachment:

Cleat Connection

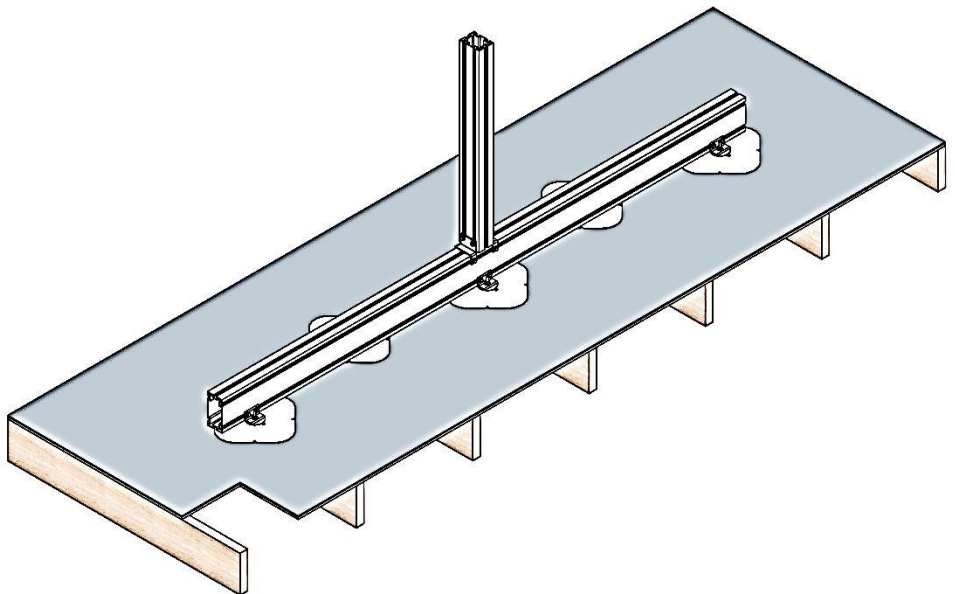
### Bracing Attachment:

Channel Bracket with Nut Bar

Channel Rail with Nut Bar

### Warranty:

20 Years



Sleeper Application