

The 3x2 Panel Rail is the standard rail used to support solar panels and has a span capacity of 12 feet. This rail is also used as the main bracing rail for the WSS Elevated Racking System. Panels clamp in place on rails with ISA's 1/6 turn slot nuts.

**Physical Characteristics:**

Dimensions: 3" High x 2" Wide  
Weight: 1.2 Lbs/Ft.

**Structural Characteristics:**

$S_{yymin} = 0.83 \text{ in}^3$   $I_{yymin} = 0.83 \text{ in}^4$   $r_{yymin} = 0.90 \text{ in}$   
 $S_{zzmin} = 1.24 \text{ in}^3$   $I_{zzmin} = 1.86 \text{ in}^4$   $r_{zzmin} = 1.35 \text{ in}$   
 $A_g = 1.01 \text{ in}^2$   $A_e = 1.01 \text{ in}^2$

**Material:**

-Extruded Aluminum, 6061-T6/6005-T6

**Support Span Capacity:**

Up to 12 Ft. – Dependent on load conditions

**Rail Attachment Method:**

ISA T-Slot Cleat Bolted to Main Rail  
Post with Vertical Strut Member

**Panel Attachment Method:**

ISA C-Clip (end)  
ISA Waffle Clip (Inner)

**Bracing Attachment:**

ISA Channel Bracket  
ISA U-Channel

**Warranty:**

20 Years

