

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

