

Universal - ISA FSS Deep Strut (FSS) was developed as a main solar support beam to span large distances such as across parapet walls for residential structures and for spanning across major beams in commercial buildings.

Physical Characteristics:

Dimensions: 8.8" High x 3" Wide

Weight: 4.1 Lbs/Ft.

Structural Characteristics:

$S_{yymin} = 2.97 \text{ in}^3$ $I_{yymin} = 4.45 \text{ in}^4$ $r_{yymin} = 1.16 \text{ in}$

$S_{zzmin} = 7.74 \text{ in}^3$ $I_{zzmin} = 34.92 \text{ in}^4$ $r_{zzmin} = 3.23 \text{ in}$

$A_g = 3.36 \text{ in}^2$ $A_e = 3.36 \text{ in}^2$

Material:

-Extruded Aluminum, 6061-T6/6005-T6

Support Span Capacity:

Up to 25 Ft.

-See Tables

Attachment Methods:

Angle Bracket to Parapet Walls

ISA Post to Roof or Parapet Walls

Lag Bolt or embedded rod – 1/2"

Warranty:

20 Years

