


Installation Manual for Corrugate Metal Roof Mounting System

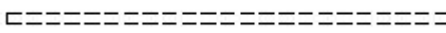
Step1: we must know the Components List.

Mounting Rail	Hanger Bolt	Rail Splice	End Clamp Kit	Mid Clamp Kit
				

Step2: Check drawing:

A  represent a hanger bolt.

A  represent a PV module.

A line like this  , represent a mounting rail.

Please read and understand the drawings. We can learn the following information.

How many hanger bolts in a row at the each array.

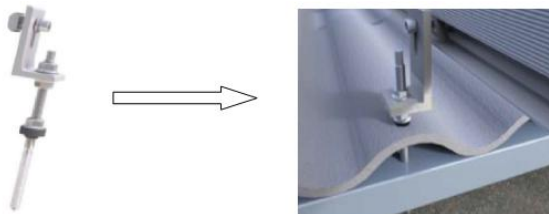
How long is it between 2 hanger bolts.

How long is per rail at the each array.

Then we will give you how many rails in a row as follows.

Array	Total length	Comprise
	10500mm	2100mm*5

Step 3: Installing Hanger bolt with L-feet on metal roof.



How to drill?

1. We need to drill smaller hole than diameter of hanger bolt, maybe 8.5 to 9mm diameter size will be fine.
2. Then we use hand-drill machine to make hanger bolt drill into roof and beam which under of roof tile.

We can fix the mounting rail at any side of L-foot kit according to the actual condition

Step 4: Installing Mounting rail by the side of L-foot kit as bellow:



When we installed hanger bolt, and we can fix the mounting rail at any side of L-foot kit according to the actual condition

We use M8*25 inner-hexagonal socket bolt (contain 1 flat,1 spring,1 aluminum nut) to fix.

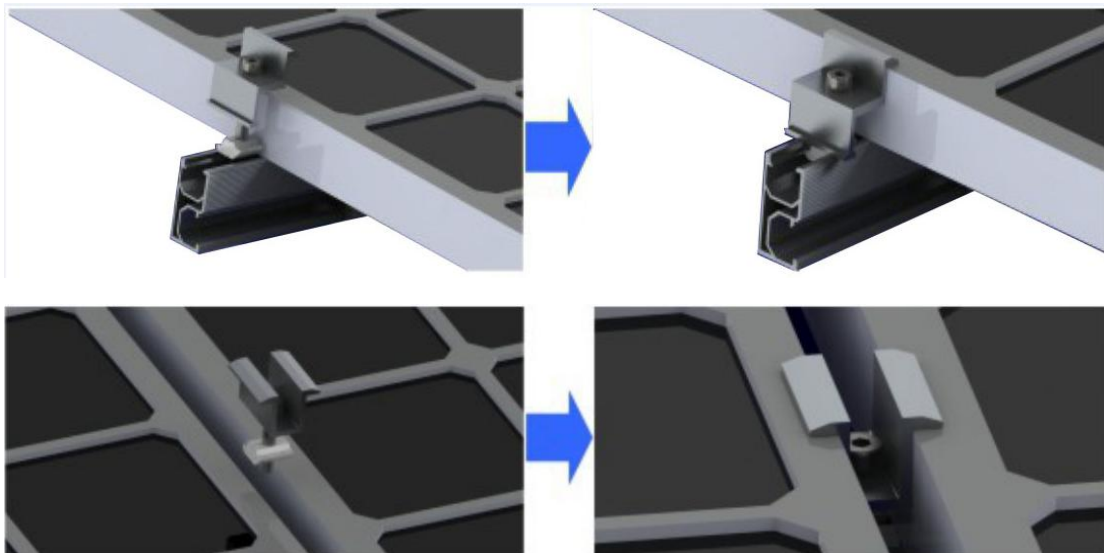
The space between each 2 rails should be between 65%~75% of the modules length.

Step 5 :Use rail splice to connect each 2 rails as bellow:

When the rail is too long, the rails will be connected by the rail splice, as bellow



Step 6: Installing PV panel by End clamp and mid clamp.



Make sure all parts fixed steady. End.

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