Mounting systems for solar technology

QUICK GUIDE

CrossRail 48-X/48-XL Rail Connector

CrossRail 48-X/48-XL
Material: Aluminum

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>4000662</td>
<td>CrossRail 48-X 166'', Mill</td>
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<tr>
<td>4000695</td>
<td>CrossRail 48-XL 166'', Mill</td>
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</tbody>
</table>

CrossRail 48-X/48-XL Rail Connector
Material: Aluminum
Hardware: Stainless steel

<table>
<thead>
<tr>
<th>Part Number</th>
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<tbody>
<tr>
<td>4000385</td>
<td>RailConn CR 48-X,48-XL Struct Set, Mill</td>
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<tr>
<td>4000386</td>
<td>RailConn CR 48-X,48-XL Struct Set, Dark</td>
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</tbody>
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TOOLS REQUIRED

- 13 mm socket  
  Torque 25.8 ft-lbs
- 1/2" socket   
  Torque 25.8 ft-lbs

10-50 ft-lb
Assembly

1 INSTALL RAIL CONNECTOR

Slide the rail connector onto CrossRail 48-X or 48-XL.

The rail connector contains mating features and must be inserted prior to aligning the rails together.

2 ALIGN RAILS

Align the two rail ends next to each other and center the rail connector between the two rails.

Note: CrossRail 48-X pictured.

3 CONNECT RAILS

Attach the rail connector using two M10 T-Bolts (use bonding T-Bolts with dark rail) and two hex nuts.

Ensure that the slot on the bottom of the T-Bolt is vertical, indicating that the T-Bolt head is properly engaged in the rail channel.

Torque: Torque the serrated hex nuts to 25.8 ft-lbs (35 Nm)

Note: Please refer to the system and state-specific engineering letters for allowable spans, limitations and installation notes regarding the capabilities of CrossRail 48-X or 48-XL and the CrossRail 48-X/48-XL Rail Connector.

Note: CrossRail 48-X pictured.