

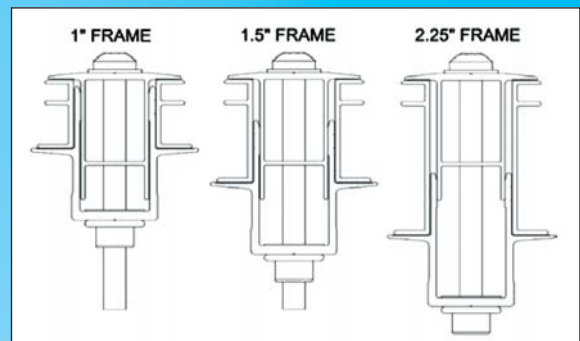


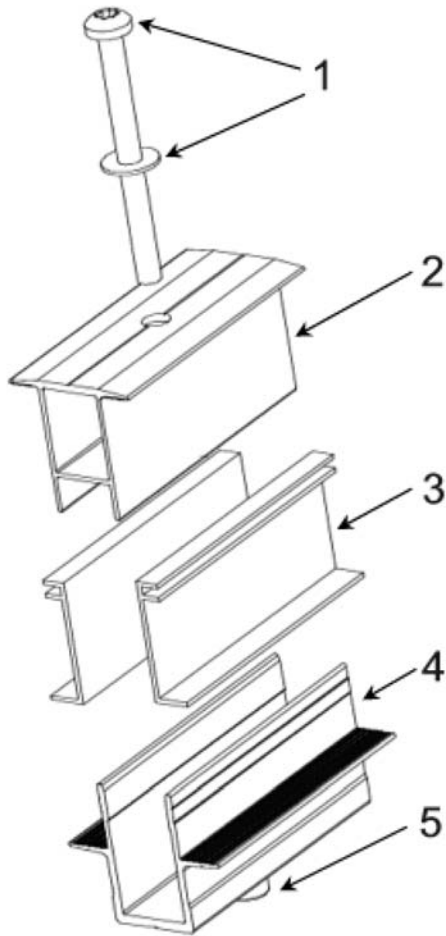
THE SMART CHOICE

SUNEARTH COMPRAIL™ PV MODULE MOUNTING HARDWARE



- **Clean, seamless appearance** - Provides aesthetic roof-integrated look
- **Strong and durable** - Structurally rated for 10' freespans
- **Simple** - Two piece design is easy to install, handle and inventory
- **Flexible** - Install modules in either Portrait or Landscape orientations; a single rail set is capable of mounting any module between 1" and 2.25"
- **Adaptable** - Combines with SunEarth's exclusive RexRack™ and SolarStrut™ hardware for tilt mount applications; fewer legs and roof penetrations
- **Choice** - Aluminum available in clear and bronze anodize or mill finish
- **Affordable** - Save money on materials AND installation labor





The CompRail Concept

CompRail utilizes a common lower rail that bridges adjacent rows of PV modules. The modules rest on shelves that extend from each side of the lower rail. The modules are held captive by an upper rail that bolts into the lower rail and compresses the PV modules between the two rail sections. Both rails are monolithic and extend the entire length of the row, forming a superior frame that employs the continuous PV module framewall to increase the rigidity of the entire CompRail racking structure.

Anatomy of the CompRail System

- 1 A 5/16" 300 series stainless steel button head bolt is used to compress the CompRail assembly. Bolt holes are predrilled on 20" centers. Both bolts and washers are available in standard or black oxide finishes to match upper rail color options.
- 2 The upper rail is available in clear or bronze anodize or mill finish aluminum.
- 3 The PV module framewall is held captive between the extended upper rail wings and the lower rail shelves. The large interleave between the two sets of rails can accommodate PV modules between 1" to 2.25" inches in height.
- 4 The lower rail is a structural channel fabricated from 6063-T6 aluminum. The channel has an extruded drill starter mark on the back surface for drilling attachment points.
- 5 Cold forged threaded inserts are hydraulically pull-formed onto the lower rail creating the compression nut. The large diameter of these cold formed inserts yields superior resistance to stripping and pullout.

ORDERING COMPRAIL

CR-()-()-()

RAIL **LENGTH** **FINISH**

UR: UPPER RAIL 132" MF: MILL FINISH
 LR: LOWER RAIL 264" CA: CLEAR ANODIZE
 CUSTOM (CALL OUT) BA: BRONZE ANODIZE

SAMPLE: CR-LR-264-MF

264" LENGTH OF COMPRAIL LOWER RAIL IN MILL FINISH

COMPRESSION BOLTS

COMPRESSION BOLTS ARE AVAILABLE IN PACKAGES OF 14 OR 280. STANDARD FINISH AND BLACK OXIDE AVAILABLE.

TEK SCREWS

TEK SCREWS ARE AVAILABLE IN PACKAGES OF 200 OR 2,000. STANDARD FINISH AND BLACK OXIDE AVAILABLE.

System Specifications

The photovoltaic system shall be mounted in a seamless fashion utilizing the SunEarth CompRail compressed rail mounting system. Rails shall be fabricated from 6063-T6 aluminum alloy. The upper rail shall consist of a structural hollow. Interleave of the upper and lower rails shall accommodate PV module framewalls between 1" and 2.5" inches in height. Compression of the rails shall be attained by a 5/16"-18 stainless steel button head bolt and a captive threaded insert cold formed onto the lower rail.

Due to Sunearth's policy of continuous improvement, specifications are subject to change without notice.

MANUFACTURED BY:



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AVAILABLE FROM:

