

Alternative Wire Management Solutions

Option 1: Solar Raceway

- Solar Raceway currently makes a system that can attach to standing seams and be installed above them. They create ones that are 3.5" in diameter, which should house the wires and the AP Smart Component (or other Rapid Shut Down devices).



- The section circled is an S-5! Clamp that would be used to connect the raceway to the roof for this situation

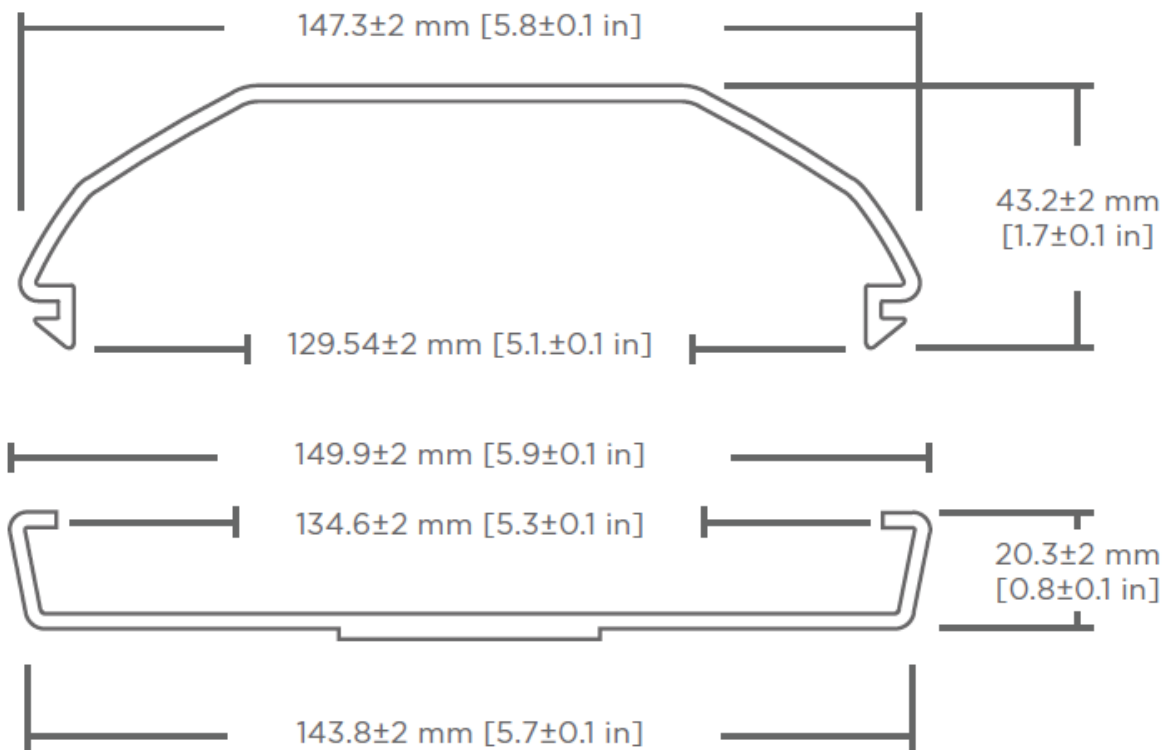


- The final solution would look something similar to the picture below on the standing seam roof. The number of raceways needed would be dependent on the roof layout.

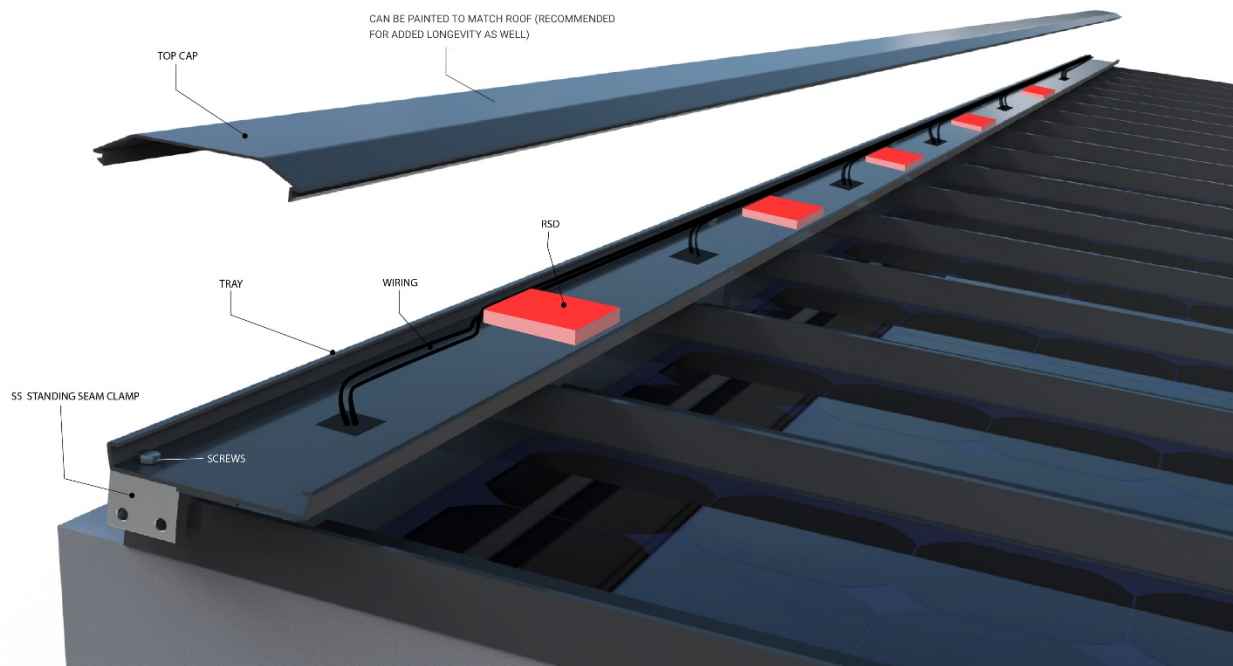


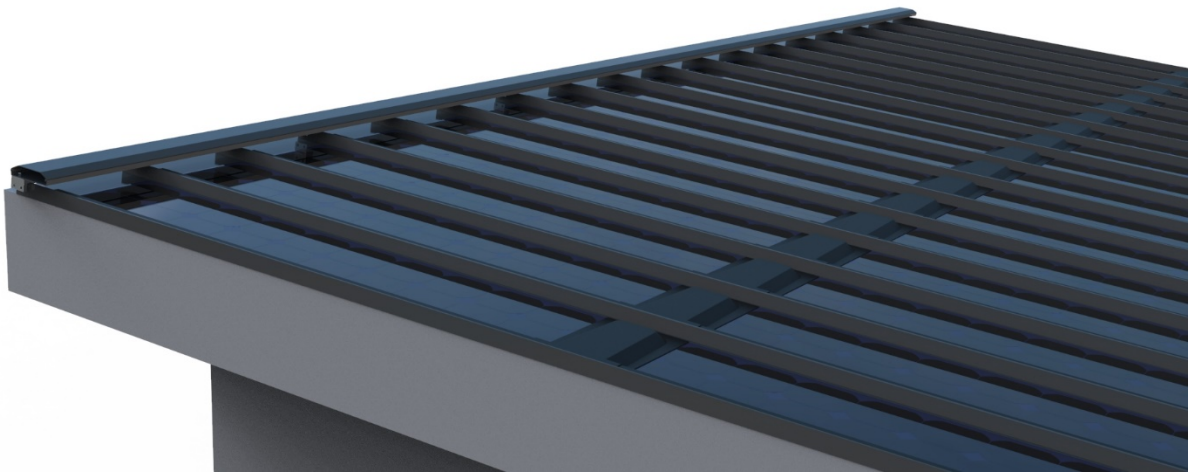
Option 2: FLEX60 WMS Solution

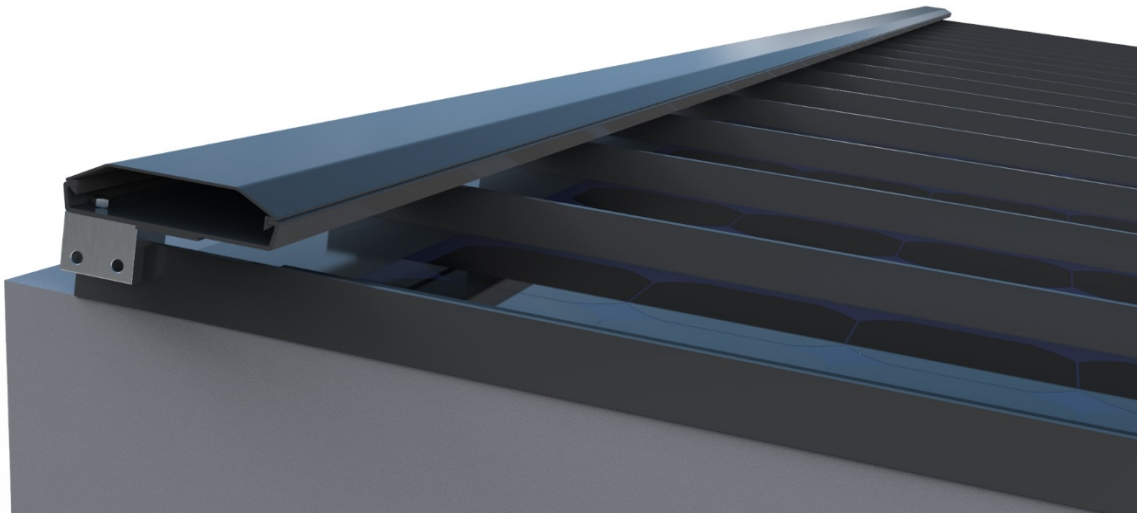
- Using the existing WMS solution Sunflare created for the FLEX60, we would attach it above the seams using S-5! Clamps.
- This solution will sit above the seams and will require holes to be drilled in order to run the necessary wiring.
- The dimensions are shown below to determine which Module Level Power Electronics (MLPEs) can be used.



- Below are some renderings of what the final solution will look like.







Option 3: Metal Flashing WMS

- Create a piece of flashing on-site to cover all of the wires and any rapid shut down devices.
- This would be made on site and tailored to what project is being developed.
- Discussions between the PV and roof installers should be had during the development stages of the project.

