



## HR150 RAIL PRODUCT INTRODUCTION



Conceal unsightly wires with the proper cable management solutions from SunModo.

The Helio Rail Family has a new member, SunModo is happy to introduce the HR150 open profile rail system. Using this open profile rail system you find the right solution to manage your PV cables. The HR150 PV cable management system maintains NEC compliance and eliminates the risk of using wire ties.

Cabling in PV installations is often organized using simple cable ties. These ties are highly susceptible to corrosions caused by weather conditions over time and require frequent maintenance and replacement. This is not the case with cable management options offered by the HR150.



**The HR150 family of products** are shown assembled above. Two HR150 Rails are spliced together with an HR150 Rail Splice. PV electrical wires are shown routed in the channels of the HR150 Rails, retained with two Wire Covers snapped into place.

**Quick and straightforward mounting without the need for tools reduces costs when it comes to the installation of cable ducts.**

### Helio Rails

All rails feature both 1/4" and 3/8" side slots, and 1/4" top slot for clamping PV panels and are available in clear and black. Please reference to our catalog for stock lengths.



### Rail Selection

The following table was prepared in compliance with applicable engineering codes and standards. Values are based on the following criteria: ASCE 7-10, Roof Zone 1, Exposure B, Roof Slope of 7 to 27 degrees and Mean Building Height of 30 feet

Load		Rail Span					
SNOW (PSF)	WIND (MPH)	4 ft	5 ft	6 ft	8 ft	10 ft	12 ft
None	100	HR150	HR250	HR350	HR500	HR500	HR500
	120						
	140						
	150						
	160						
20	175	HR150	HR250	HR350	HR500	HR500	HR500
	100						
	120						
	140						
	150						
40	160	HR150	HR250	HR350	HR500	HR500	HR500
	175						
	100						
	120						
	140						
50-70	150	HR150	HR250	HR350	HR500	HR500	HR500
	160						
	175						
	100						
	120						
80-90	140	HR150	HR250	HR350	HR500	HR500	HR500
	150						
	160						
	175						
	100						