

HIT A  
HOME RUN  
WITH

# RAYTRAY™ v2

SOLAR WIRE MANAGEMENT SYSTEM

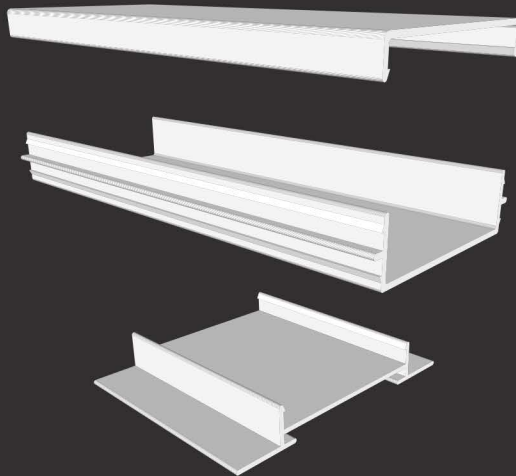
CAP

+

TRAY

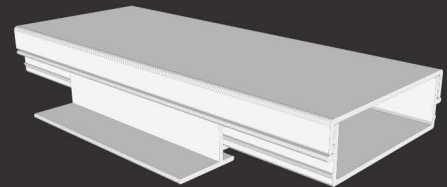
+

BASE



=

**RAYTRAY™**  
SOLAR WIRE MANAGEMENT SYSTEM



RayTray™  
info@raytraysolar.com  
www.raytraysolar.com



Conforms to UL Std 870  
Control No. 4009754

# RAYTRAY™ v2

## SOLAR WIRE MANAGEMENT SYSTEM

**RayTray™** is a protective enclosure manufactured with a durable RPVC polymer to ensure a neat and comprehensive routing method for jumper, home run, and equipment-grounding conductor cables.

RayTray™ is the product of a collaborative effort between solar installers and electrical, structural, and polymer engineers. The result is a wire management system that is simple, durable, cost effective, and ETL listed for use in PV arrays.

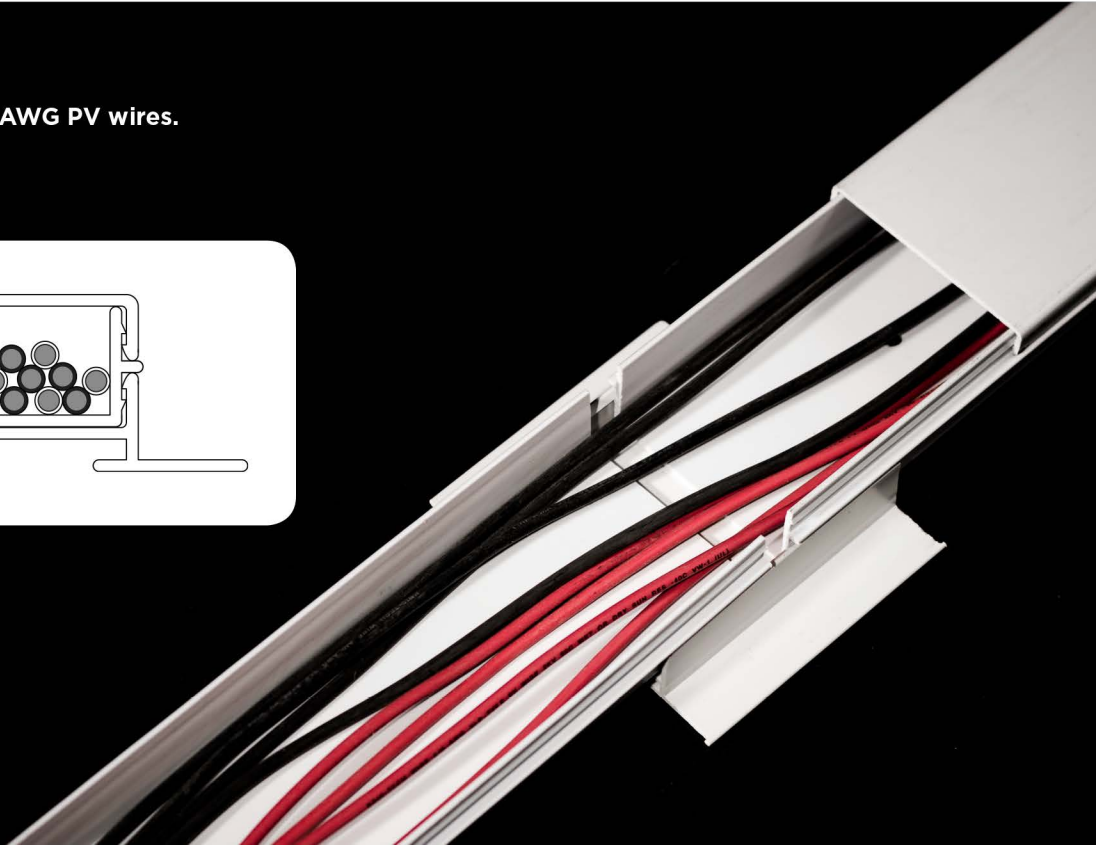
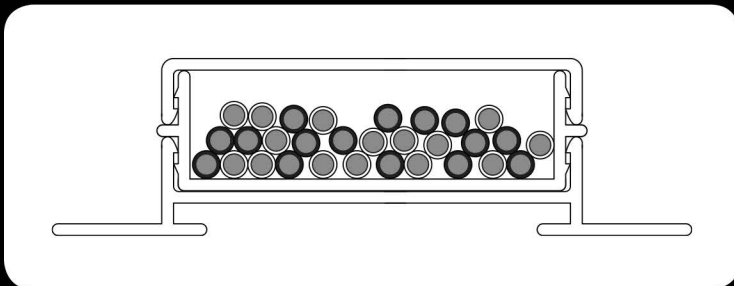
### RayTray™ is

- Simple and easy to install
- Durable and UV resistant
- Low Cost
- Versatile
- ETL listed to UL 870 Standard
- Made in the USA

## RAYTRAY™ SPECIFICATIONS

<b>Product</b>	Solar Wire Management System
<b>Material</b>	Non-metallic RPVC polymer. UV rating: F1
<b>Listing</b>	ETL Intertek conforms to UL Std 870. Voltage rating: 1000 VDC
<b>Installation</b>	Flat roofs with pitch < 8 degrees. Standing seam metal roofs
<b>Internal Wiring</b>	Maximum of thirty #10 AWG wires/tray. RHW, USE, or PV wire. Maximum wire size: #6 AWG
<b>Grounding</b>	Non-metallic RPVC polymer requires no grounding
<b>Material Dimensions</b>	Overall height: 2", width: 8", length of tray and cap: 8', length of base: 6"
<b>Maximum Support Interval</b>	4'3"
<b>Warranty</b>	25-year warranty against defects in materials and workmanship

**RayTray™ is rated to hold thirty #10 AWG PV wires.**  
**Maximum wire size is #6 AWG.**



# CONNECTING THE COMPONENTS

## SNAP AND CONNECT



Assembling RayTray™ is easier than connecting modules in a string. Snap a RayTray™ base onto one end of a tray; add a base in the middle of the tray, and another at the opposite end. Be sure to leave a one-inch gap between sections of tray to allow for expansion and contraction. Keep the base between tray sections fixed in place by inserting a rivet into one side of the tray.

## CAP AND PROTECT

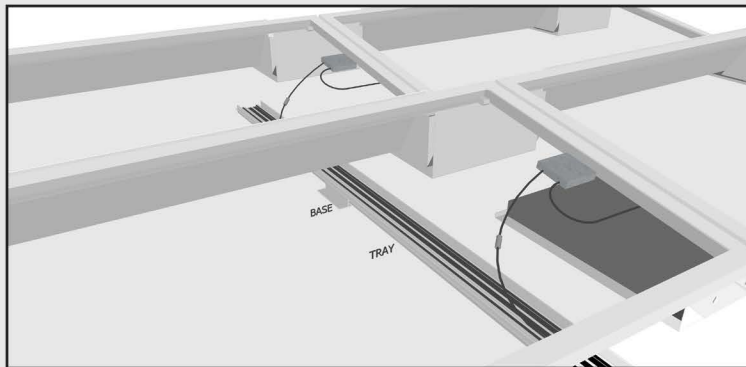


Once your home runs are in place, snap on the cap. The cap should span the gap left for expansion by at least six inches.

## AN EASY CHANGE IN DIRECTION

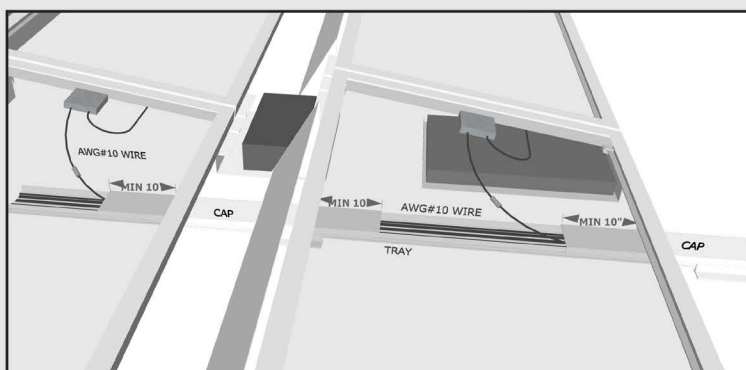


Most runs will go in one direction. But when you need to change direction, RayTray™ can accommodate. RayTray™ is cut easily with a hacksaw or a reciprocating saw. Make some simple cuts, insert a plastic rivet, and you will have a secure and stable T-fitting or elbow. A file or deburring tool quickly gets rid of sharp edges.



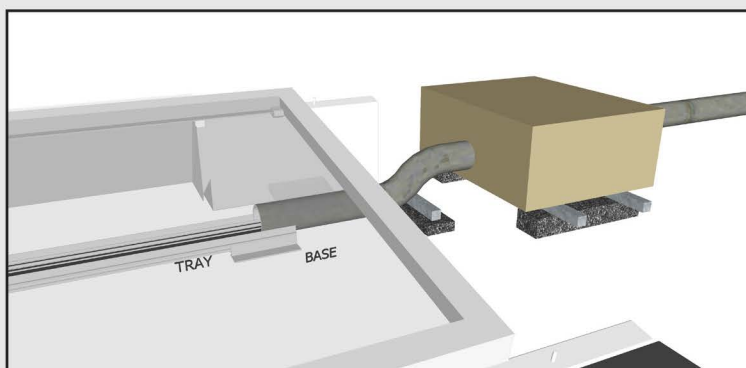
## KEEP THOSE HOME RUNS IN LINE

RayTray™ keeps your home runs organized, secure, and protected. No more worries about home runs getting stepped on or rubbing and abrading on racking. Simply pick your route, snap together your RayTray™ trays and base supports, slide under the array, and drop in your home runs. Alternatively, lay the RayTray™ out and drop in your home runs before the modules are installed. Array cabling is neat and organized. Your crew will thank you. Your inspector will be pleased. And your client will be thrilled at how professional everything looks.



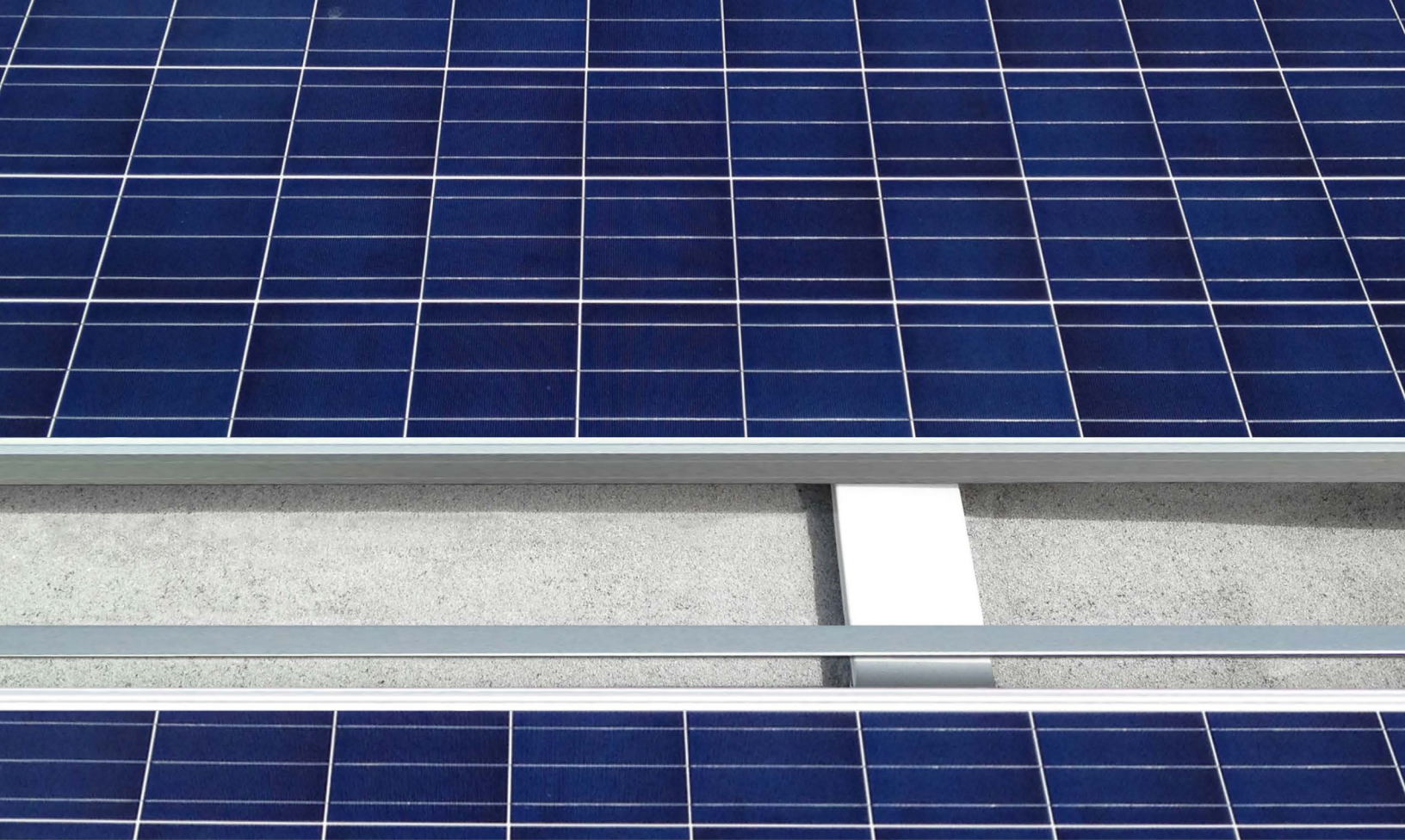
## PROTECTION ENHANCED

Your home runs are in, your connections are made, and now you want to protect the wires and tidy things up. If you begin with RayTray™, you're already there. No unsightly bundles. No haphazard wires. Organize as you build. When the build is done and tested, finish up by snapping on the protective caps, which will not only protect and enhance your work but also prolong the life of your client's investment.



## A STELLAR TRANSITION

You have been there before and you're not excited about being there again. Use RayTray™ to organize the chaos. Aggregate your home runs into RayTray™ and they're ready to transition into pipe when you are. Home runs will be organized and accessible.



# RAYTRAY™ v2

SOLAR WIRE MANAGEMENT SYSTEM

[info@raytraysolar.com](mailto:info@raytraysolar.com)

## RayTray™

Sunlight resistant wire management system

Cables permitted: RHW, USE, PV

Max wire size: AWG #6

Max support interval: 4'-3"

Consult manufacturer for proper installation



**Intertek**

Conforms to UL Std 870  
Control No. 4009754



Made in the U.S.A.

[WWW.RAYTRAYSOLAR.COM](http://WWW.RAYTRAYSOLAR.COM)