

tesseract- RS

For Shingled Roofs



tessolar



Tesseract - RS Overview

Tesseract - RS is specifically designed for composite shingle roofs. The product eliminates pounds of racking metal, large numbers of parts and fasteners while reducing installation time by up to 50%. With the Tesseract - RS, high- throughput deployment of residential solar rooftop portfolios is a reality.

Technical Information

UL 2703 Listed
UV stable, tested to UL 746C
Professional Engineer Stamped:
Upload: > 1800 Pa
Download: > 5400 Pa
>100°C temperature stability
Integrated electrical bonding



Tesseract™

The Tesseract™ line of racking hardware is engineered for the world's fastest rooftop and ground mount system installations. Tessolar products use proven aerospace composite materials that enable highly engineered, precision assemblies that are not possible with metal-based products. Tessolar's patent-pending technology provides tool free, high throughput PV system installation with precise quick-connect joints that meet or exceed industry standards for strength, durability and safety.

RS Features

Factory assembled and ready for installation
Only one standard fastener per mount
Flashing and weather seal
Integrated bonding
Snap-in module attachment
Portrait or landscape
Height adjustable after module installation
Minimal training required
Warranty – 25 years

RS Benefits

Up to:

- 50% faster installation
- 25% lower installation cost
- 40% lower weight

Elimination of multiple tools, parts and fasteners
Permit process ready
High throughput project portfolio deployment

Tessolar Aerospace Composite

- 30+ year heritage in high strength, outdoor applications
- Optimal blend of strength and durability
- UV stability engineered
- Kg for kg stronger than steel

Tessolar Inc.

10 State Street, Woburn, MA 01801 USA +1 781.305.3245 www.tessolarinc.com