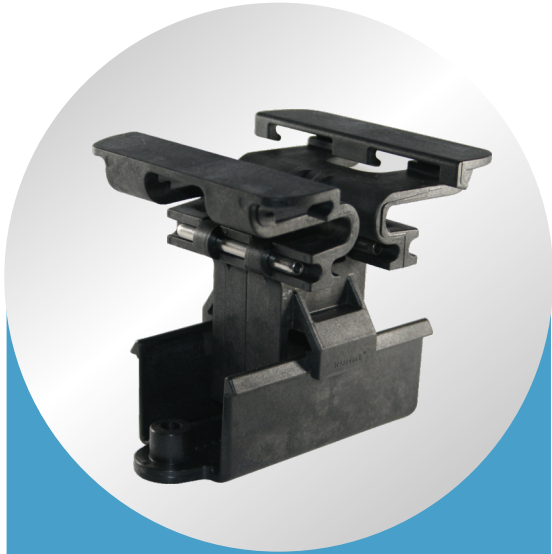


Tesseract :Z

For Metal Roofs



• Residential_Tesseract :RS • Ground Mount_Tesseract :GT • Rooftop_Tesseract :Z



Product Overview

Tesseract :Z is specifically designed for trapezoidal and other types of metal roofs. The product eliminates pounds of racking metal, large numbers of parts and fasteners while reducing installation time by up to 50% depending on installation. Now, high-throughput deployment of commercial & industrial solar rooftop portfolios is a reality.

Technical Data

Material – aerospace composite

UV: UL 2703

Upload: 2400 Pa (mounting design specific)

Download: 5400 Pa (mounting design specific)

Heat/RTI: > 100° C



Tesseract™

The Tesseract™ line of racking integration products accelerates installation time of solar PV systems for rooftop and ground mount systems. Tessolar products are made with proven aerospace quality composite materials which allow for highly engineered features not possible with metal-based products. The patented SolidSnap™ technology provides tool free, assembly line type PV system installation with snap-fit joints that meet or exceed industry standards for strength, durability and safety.

Attributes

- Supplied fully assembled
- SolidSnap™ snap-place joints
- Only two fasteners per mount
- Integrated EPDM weather seal washers
- Warranty – 25 years
- 60 or 72 cell module, portrait or landscape
- PE Stamped
- Low complexity training program

SolidSnap™

Value

- Up to:
 - 50% less installation time
 - 25% lower system installation cost
 - 40% less weight
- Elimination of multiple tools, parts or fasteners on roof
- Increase in addressable roof market
- Industry leading design flexibility
- Permit process ready
- High throughput project portfolio deployment

UL 2703

**Mechanical Loading
Environment & UV Tested
Class B Fire Protection**

Tessolar Aerospace Composite

- 30+ year heritage in high strength, demanding applications
- Optimal blend of strength, durability and reliability
- UV protection engineered
- High strength to weight ratio
- Non-corrosive, no maintenance

Tessolar, Inc.

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