

Shoals Cable Management Solution

Driven by the energy transition, the rapidly evolving renewable energy industry faces higher standards, rising costs, project delays, and labor shortages. To address these challenges, solar project developers, EPCs, and OEMs are striving to streamline their designs, accelerate project timelines, and select high quality, reliable, and sustainable electrical components that enhance project value and longevity.

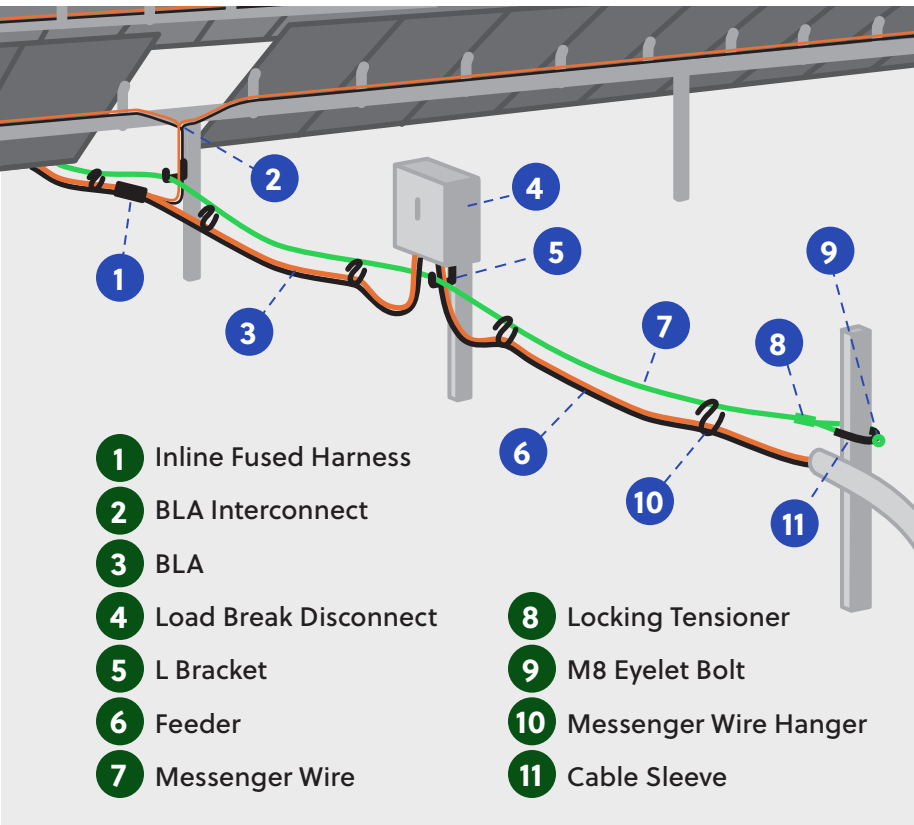


What is Shoals' Cable Management Solution?

Since its launch in 2014, our award-winning Big Lead Assembly (BLA) has revolutionized solar electric balance of systems (EBOS) installations, making them faster, safer, and more reliable with its plug-and-play functionality. Building on this success, our latest innovation, the Cable Management Solution, is a comprehensive package containing all essential components for any solar project's wiring system. It offers the easiest installation, operation, and maintenance in the industry, setting a new standard.

How does it work?

The BLA is suspended above ground by a messenger wire system that installs quickly on tracker piles with a unique tensioning system, providing stable mechanical support. Custom hangers clip onto the messenger wire, easily securing the BLA trunk bus cable and system wiring. Our structural and string wire clips route cable harnesses securely without zip ties, reducing the risk of failure. The additional components of the Shoals Cable Management Solution significantly reduce labor, making installation quicker and more cost-effective.

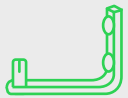


What is included?



Messenger Wire System

Provides long-term support for Shoals messenger wire hangers in utility scale and groundmount solar farms and is a kit that includes wire, M8 eyelet bolts, sleeving, and locking tensioners.



Messenger Wire L Bracket

Supports the weight of the system at the required intervals; facilitates fast installation with a drop-in feature, a set screw for securing the wire, preventing lateral movement, and maintaining tension.



Hangers

Suspend power and data cables above ground, eliminating trenching; ensure proper routing and manage wire abrasion, tension, and stress, making them suitable for solar projects of any size.



Wire Clips

Eliminate the need for zip ties, reducing waste on site and enhancing reliability and efficiency, while cutting O&M costs.



Torque Tool

Delivers consistent tension, optimizing wire lifespan with minimal effort thanks to its 6:1 mechanical advantage.

Key Benefits:



Streamline your project design and execution

Simplify and drive efficiency across key processes, from sourcing to manufacturing and installation.



Ensure quality, longevity, reliability

Use our high-quality solutions built for superior long-term reliability with in-house manufacturing and rigorous factory testing.



Simplify procurement with one contract

Partner with one trusted supplier to holistically address all your cable management needs.



Reduce project risk

Minimize project risk by adopting components with stringent in-factory quality standards that eliminate in-field installation errors.



Accelerate project timeline and cut costs

Reduce project costs and accelerate deployment with quality prefabricated solutions that minimize onsite labor.



Meet your sustainability goals

Lower your carbon footprint with components that optimize material use and minimize waste.

Why Shoals?



Extensive renewable energy industry expertise



Standardized and customized solutions



Design, engineering, and long-term care



Innovation is in our DNA – Inventing Simple



Industry-leading EBOS and wiring provider



Actively shaping industry standards



Simplified procurement for all components



Proudly made in Tennessee

Contact us

Discuss your renewable energy project goals with us to unlock tailored cutting-edge cable management solutions. **Connect with us** today.

