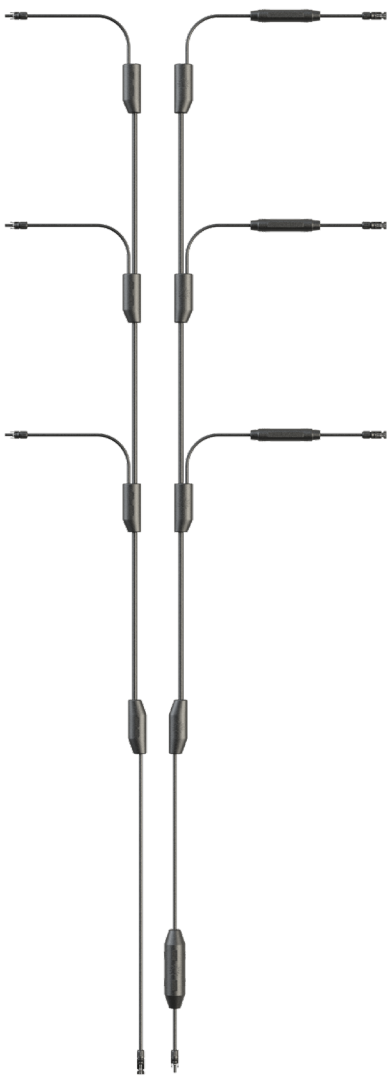
shoals

INTERCONNECT SYSTEM™

SUPERHARNESS™

ABOUT

Shoals™ patented Interconnect System reduces the specialized labor required in your installation, making the integration of solar panels a breeze. For end of row collection on sites where multiple trackers are stacked into longer rows, the use of larger copper wire can extensively increase the costs of a project. With SuperHarness and its optimized combination of copper and aluminum conductors, wire cost and voltage drop mitigation is no longer an issue. With SuperHarnesses custom manufactured for your specific site, both labor and material costs are significantly reduced. The integrated design and robust construction also increases the reliability, making it the perfect solution for any project.



FEATURES

- UV/sunlight resistant
- Custom manufactured to the installation
- Standard 5-year warranty on all models
- Patented chemically bonded and hermetically sealed two part molding process
- ETL certified to UL9703 for 600 VDC, 1000 VDC, and 1500 VDC systems
- ETL certified to CSA C22.2#182.5 for PV Connectors
- ETL certified to CSA C22.2#271 for PV Cables
- ETL certified to CSA C22.2#198.2 for Sealed Wire Connector Systems

OPTIONS

- Available in 3-String or 2-String configurations
- 6-8 AWG Outputs with 8-10 AWG Inputs (Copper) and 1 AWG, 2 AWG, or 4 AWG Travelers (Aluminum)
- All certified PV connectors available
- Cable available in standard colors
- Standard fuse sizes up to 65A

TECHNICAL INFORMATION	SUPERHARNESS
Voltage Rating	1500 VDC
Max. DC Current	65A (8 AWG) / 85A (6 AWG)*
Max. Input Overcurrent Protection	32A
Max. Output Overcurrent Protection	65A
Max. Operating Temp.	90°C
Wet Hi-Pot Leakage Current	< 1 µA

*Max current shown is per NEC Code 2023, Table 310.17 for single-insulated conductors in free air, derated in accordance with Table 310.15(B) for an ambient temperature of 50 C. Please refer to the Engineer of Record for calculations or use of different tables.

Plastic over-mold material is suitable for outdoor use with respect to exposure to UV light, Water Exposure and Immersion in accordance with UL 746C. Product design and specification subject to change or modification without notice.

MADE IN TENNESSEE

5 year warranty

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