

## INTERCONNECT SYSTEM™ SUPERJUMPER™

### ABOUT

Shoals™ patented Interconnect System reduces the specialized labor required in your installation, making the integration of solar panels a breeze. When long home-runs are needed, the use of bigger copper wire section is the norm. With SuperJumper and its optimized combination of copper and aluminum conductors, wire cost and voltage drops are no longer an issue. With SuperJumper harnesses custom manufactured for your specific site, both labor and material costs are significantly reduced. The integrated design and robust construction also increases reliability, making the Interconnect System a perfect solution for any project.

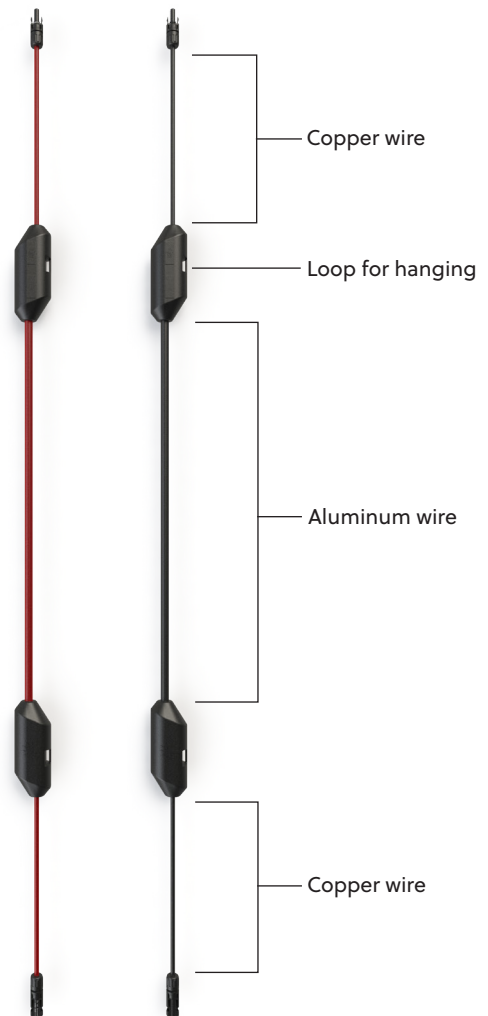
### FEATURES

- 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
- Certified to IEC 62930, 60502-1, and 62852 up to 1500V DC

### OPTIONS

- Certified PV connectors available
- Cable available in standard colors

		Aluminum Wire Size		
		16mm <sup>2</sup>	25mm <sup>2</sup>	35mm <sup>2</sup>
Copper Wire Size	6mm <sup>2</sup>	✓	✓	
	10mm <sup>2</sup>	✓	✓	✓



#### TECHNICAL INFORMATION

SUPERJUMPER	
Voltage Rating	1500 VDC
Max. DC Current*	80 A (10 mm <sup>2</sup> Cu), 71 A (16 mm <sup>2</sup> Al), 99 A (25 mm <sup>2</sup> Al), 123 A (35 mm <sup>2</sup> Al)
Max. Operating Temp.	90 °C

\*Wire Current Carrying Capacity. Single Cable in free air at 50 °C according to IEC 62930. Two loaded conductors touching in free air (method F) at 50 °C according to IEC 60364-5-52 table B.52.13 and B.52.14. Subject to Connector Current Rating. Refer to final superjumper design for specific values.

Plastic over-mold material is suitable for outdoor use with respect to exposure to UV light, Water Exposure and Immersion in accordance with IEC 62930 Annex E.

Product design and specification subject to change or modification without notice.

