

BIG LEAD ASSEMBLY (BLA)

ABOUT

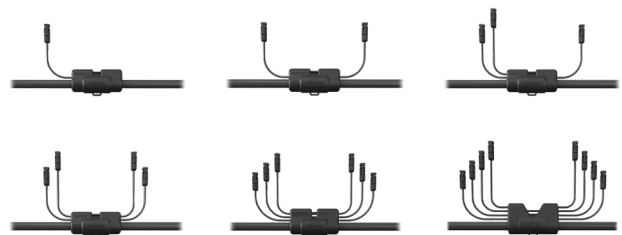
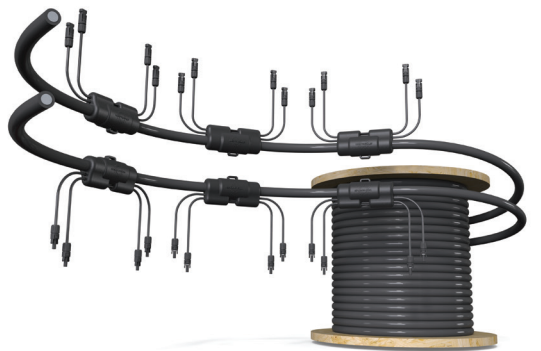
Shoals introduces the Big Lead Assembly, or BLA for short. The BLA is an aboveground aluminum trunk system that combines the functionality of cable assemblies, combiner boxes, and fusing all into one. This free air de-rated system eliminates the need for standard combiner boxes, messy multiple conductor string wires, cable trays, trenching, and field crimping. Factory manufactured and quality guaranteed.

FEATURES

- Up to (4) 10mm² or (8) 6mm² input leads per BLA mold drop
- Configurable for FSLR S4, FSLR S6, Crystalline, or Bi-Facial
- Plug and Play - eliminates field crimping and splicing
- Patented undermold/overmold process chemically bonds and hermetically seals joints
- Eliminates standard combiner boxes
- Utilizes free air ampacity tables
- Standard 5-year warranty on all models
- ETL certified to IEC62930 and 62852 up to 1500V DC

OPTIONS

- Customizable for up to 300mm² wire gauges
- Messenger cable for mechanical attachment
- Cable available in standard colors
- Snapshot[™] Source Circuit Monitoring



TECHNICAL SPECS	STG.BLA
Voltage Rating	1000 VDC / 1500 VDC
Max. Isc (Trunk)	Up to 613A*
Max. Isc (BLA Mold Drop/Per String)	120A / 20.5A
Max. Trunk Cable Size	300mm ²
Number of Input Circuits	Customer Specific
Max. Ambient Temp. Rating	50°C

*Max Isc shown is per IEC 60364-5-52 Table A.52-13 (52-C12) Method F for (2) single-insulated conductors in free air at an ambient temperature of 30°C. 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.