



# Solar

## *DC Wiring Solutions*



*How can we help?*



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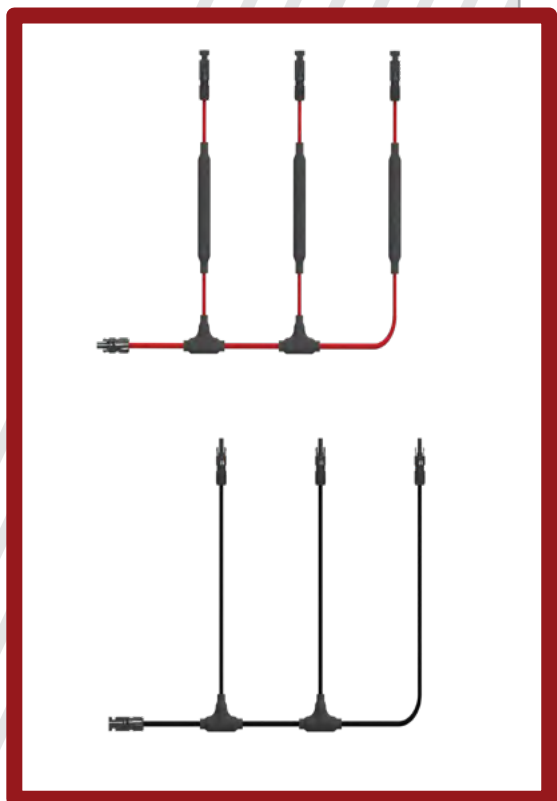
# FULL ENGINEERING ANALYSIS & TAKE OFF OF SITE PLAN

- Convenience of turn-key site plan solution
- Full review of project drawings & specifications
- Analysis of site plan to determine required home run lengths and harnesses
- ID style and number of harnesses

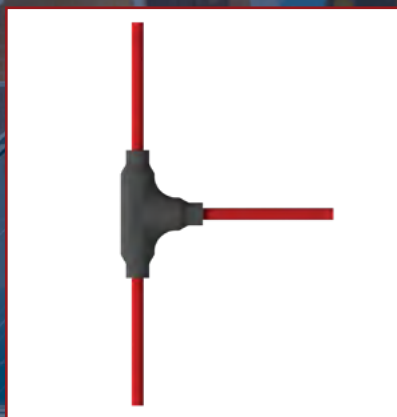
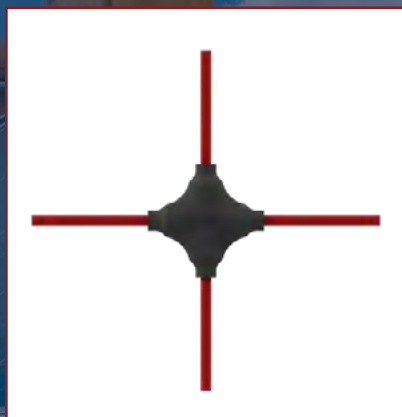


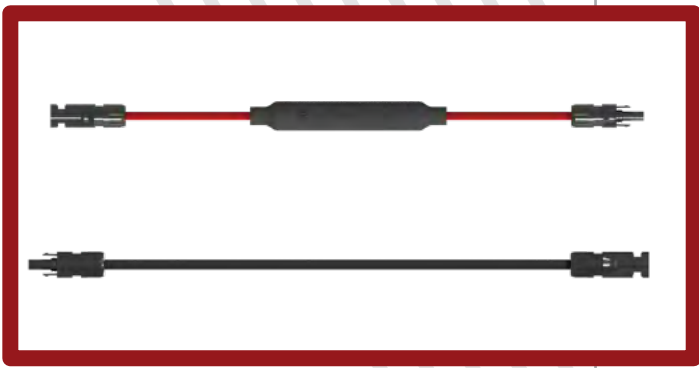
## HARNESSES

- Configurable for each application
- Bifacial Modules
- First Solar Modules
- Designs for 1500V and 1000V system architecture
- Multiple cable gauge and color options available (#6-#10)
  - Multiple stranding options for each gauge
  - Available Color Options include:
    - Red
    - Black
    - White
- Multiple Connector options
  - Staubli MC4
  - Jinko PV-JK03M
  - Tlian T4-PC
  - Trina TS4
  - TE Connectivity PV4-S
  - Other connectors upon request to match modules



## Range of available configurations using X, T, and Y junctions



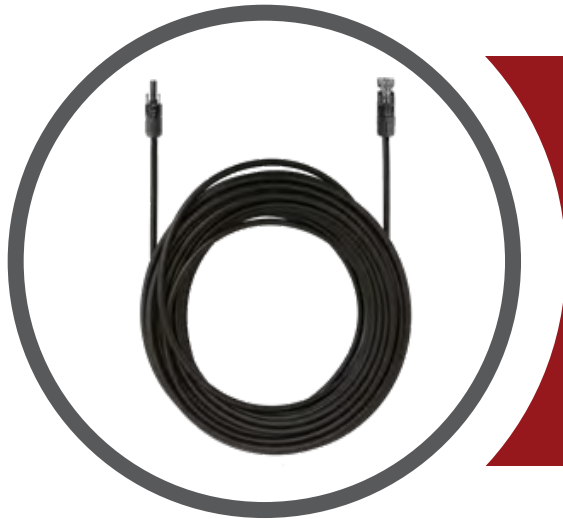
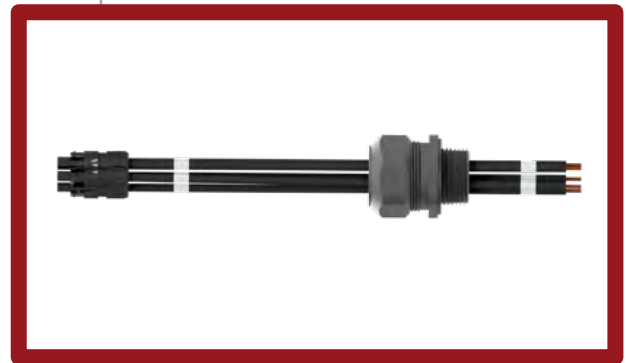


## FUSED JUMPERS

- Fused or non-fused jumper options
- String/Circuit specific labels to reduce labor and mistakes
- Reeled or packaged properly to ensure ease of installation
- Custom lengths, fuses, colors, and wire gauge to suit all applications

## COMBINER BOX WHIPS

- Combiner box whips assembled onto cord grips for plug and play solution
  - Ready to plug into homeruns – just match specified circuit nomenclature
  - Ready to terminate in combiner boxes
    - Cables stripped to length ensuring no nicked or broken strands
    - Labeled circuits for easy install and coordination with combiner box fusing



## EXTENDERS AND HOMERUNS

- Cut to length, labeled, and terminated
- Homeruns packaged/reeled on a per row or combiner box basis
- Reduces waste and labor
- Connectors per site plan and/or modules
- High quality terminations and crimps



### REDUCES BOS (BALANCE OF SYSTEM) COST

- Harnesses reduce BOS cost by connecting individual strings in parallel
- Reduce field labor and time needed by 60% with pre-manufactured harnesses
- Minimize cable waste



### 3<sup>RD</sup> PARTY TESTED AND VERIFIED

- All components used are individually UL listed products
- Harnesses are ETL listed to UL 9703 Specifications



### QUALITY TESTED PRODUCT

- Ensuring harnesses are functional and defect free
- Visual inspection, continuity test, weight check, and wet-leakage testing
- Manufactured and checked to meet IPC/WHMA specifications




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