Suggested approaches for common configurations
CABLE & ACCESSORIES

• MBC – Modular Branch Cable
  – Connects each micro to the trunk cable
• MTC – Modular Trunk Cable
  – 1.025m, 1.7m & 2.15m
• MTC-JBOX – J-Box whip
• T6-WTRPRF male end cap
• AC & DC disconnect tools
MICROINVERTER CONNECTION TO TRUNK CABLE

- MBC Cable
- Trunk Cable
- MBC Cable
# Legend for Common Configurations Pages

<table>
<thead>
<tr>
<th>PART</th>
<th>COLOR CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microinverter MBC Cable</td>
<td><img src="image" alt="Green" /></td>
</tr>
<tr>
<td>MTC-1.025</td>
<td><img src="image" alt="Red" /></td>
</tr>
<tr>
<td>MTC-1.7</td>
<td><img src="image" alt="Orange" /></td>
</tr>
<tr>
<td>MTC-2.15</td>
<td><img src="image" alt="Blue" /></td>
</tr>
<tr>
<td>MTC-JBOX (whip)</td>
<td><img src="image" alt="Purple" /></td>
</tr>
<tr>
<td>T6-WTRPRF (male end cap)</td>
<td><img src="image" alt="Black" /></td>
</tr>
<tr>
<td>CP-720 (microinverter)</td>
<td><img src="image" alt="Red" /></td>
</tr>
<tr>
<td>CP-250E (microinverter)</td>
<td><img src="image" alt="Yellow" /></td>
</tr>
</tbody>
</table>

Module orientation
Module junction box (diodes)
DC cables from the module junction box
Microinverter’s MBC cable
Trunk landscape cable: MTC-2.15
(N-1) cables required for N microinverters
Trunk cable whip: MTC-JBOX
Male end cap: T6-WTRPRF
Duo microinverters: CP-720
C60 OR 72 CELL PORTRAIT-TWO ROWS

Module junction box (diodes)
DC cables from the module junction box
Microinverter’s MBC cable
Trunk landscape cable: MTC-1.025 (N-2) cables required for N microinverters
Trunk cable whip: MTC-JBOX
Duo microinverters: CP-720

30A Breaker
**60 CELL LANDSCAPE-TWO ROWS**

- Module junction box (diodes)
- DC cables from the module junction box
- Microinverter cable MBC (one required for each microinverter)
- Trunk landscape cable: MTC-1.7 (N-2) cables required for N microinverters
- Trunk cable whip: MTC- HR-JBOX
- Duo microinverter: CP-720

![Diagram of 60 cell landscape with two rows showing connections and components]
Module junction box (diodes)
DC cables from the module junction box
Microinverter cable MBC
Trunk landscape cable: MTC-2.15
(N-2) cables required for N microinverters
Trunk cable whip: MTC-JBOX
Duo microinverter: CP-720
Module junction box (diodes)
DC cables from the module junction box
Microinverter’s MBC cable
Trunk landscape cable: MTC-1.7
2(N-1) cables required for N microinverters
Trunk landscape whip: MTC-JBOX
Male end cap: T6-WTRPRF
(N) caps required for N microinverters
Duo microinverter: CP-720
Module junction box (diodes)
DC cables from the module junction box
Microinverter’s MBC cable
Trunk landscape cable: MTC-2.15
2(N-1) cables required for N microinverters
Trunk cable whip: MTC-JBOX
Male end cap: T6-WTRPRF
(N) caps required for N microinverters
Duo microinverter: CP-720
30A Breaker
J BOX
Module junction box (diodes)
DC cables from the module junction box
Microinverter’s MBC cable
Trunk landscape cable: MTC-2.15
(N-1) cables required for N microinverters
Trunk cable whip: MTC-JBOX
Male end cap: T6-WTRPRF
Duo microinverter: CP-720
Single microinverter: CP-250E
60 OR 72 CELL PORTRAIT
“INVERTED T” CONFIGURATION

Cables required:
8 MBC
5 MTC-1.025
1 MTC-2.15
1 MTC-JBOX

Connected modules

Module orientation
For a complex layout, different cable lengths and panel orientations will be required.

Contact Chilicon Power at (310) 579-2449 if you require assistance.