



Rocksolar 3 to 1 Solar Branch Connectors MMMMF+FFFM Pair User Manual

Package Contents

1. MMMF (Male-Male-Male-Female) Connector x 1
2. FFFM (Female-Female-Female-Male) Connector x 1

Safety Precautions

1. Always make sure to disconnect any power source before starting installation or removal of the connectors.
2. Follow all local electrical codes and utilize appropriate safety equipment during installation.
3. Keep these connectors out of reach from children and pets.
4. Do not use the connectors if they appear damaged or broken.

Installation

Step 1: Identify the solar panels you wish to connect. Make sure they are of similar type and specifications.

Step 2: Take the MMMF connector and attach the male ends to the female connectors on your solar panels.

Step 3: Repeat this process with the FFFM connector, attaching the female ends to the male connectors on the solar panels.

Step 4: The remaining male and female ends of the MMMF and FFFM connectors, respectively, will now serve as your combined output. These can be connected to your solar charge controller, inverter, or battery, ensuring you maintain correct polarity.

Note: Always ensure your solar panels are not under load when making connections.

Maintenance and Care

1. Regularly inspect the connectors for signs of wear or damage.
2. Avoid cleaning with abrasive materials. If cleaning is necessary, use a soft cloth and mild detergent.
3. Store in a cool, dry place when not in use.

Troubleshooting

Problem: Connectors don't fit.

Solution: Ensure the male and female connectors are correctly aligned. If the connectors are incompatible, you may need to check the specifications of your solar panels and cables.

Problem: Solar panels are producing less energy.

Solution: Check all connections for security and tightness. Also, inspect the solar panels for any issues such as shading, dirt, or damage.

For any further problems, please reach out to Rocksolar's Customer Support.

Specifications

Specification	Details
Connector Type	3 to 1 MMMF+FFFM Pair
IP Rating	IP67 (Dust-tight and Waterproof)
Voltage Capacity	Compatible with high voltage solar panel systems
Amperage Capacity	Compatible with high amperage solar panel systems
Compatibility	Standard solar cables and solar panels
Installation	Snap-lock system for easy and secure connections
Material	High-quality, UV-resistant and aging-resistant materials
Use Case	Suitable for home, RV, boat, outdoor activities and other solar power systems