



Rocksolar 2 to 1 Solar Branch Connectors MMF+FFM Pair User Manual

Package Contents

1. MMF (Male-Male-Female) Connector x 1
2. FFM (Female-Female-Male) Connector x 1

Safety Precautions

1. Do not attempt to connect or disconnect the connectors under load. Ensure all power is turned off prior to installation or removal.
2. Use appropriate safety equipment and follow all local electrical codes during installation.
3. Keep the connectors away from children and pets.
4. Do not use the connectors if they show any sign of damage.

Installation

Step 1: Identify the solar panels to be connected. Ensure that they are of the same type and specifications.

Step 2: Take the MMF connector and connect the male ends to the female connectors of your solar panels.

Step 3: Repeat the process with the FFM connector, attaching the female ends to the male connectors of the same solar panels.

Step 4: The single male and female ends of the MMF and FFM connectors respectively will now be your combined output. Connect these to your solar charge controller, inverter, or battery, ensuring correct polarity.

Please note, always make sure your solar panels are not under load when making connections.

Maintenance and Care

1. Regularly check the connectors for any signs of damage or wear.
2. Do not clean with abrasive substances. If required, clean with a damp cloth and mild detergent.
3. Store in a cool, dry place when not in use.

Troubleshooting

Problem: Connectors are not fitting properly.

Solution: Ensure that the male and female connectors are aligned correctly. If the connectors are not compatible, check the specifications of your solar panels and cables.

Problem: Reduced efficiency or output from panels.

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

Please contact Rocksolar Customer Support for further assistance if needed.

Specifications

Specification	Details
Connector Type	2 to 1 MMF+FFM 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

