



User Manual: Rocksolar 4 to 1 Solar Branch Connectors

MMMMF+FFFFM Pair

Package Contents

- 1 x MMMMF (Male-Male-Male-Male-Female) Connector
- 1 x FFFFFM (Female-Female-Female-Female-Male) Connector

Technical Specifications

- **Connector Type:** 4 to 1 MMMMF+FFFFM 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

Precautions

1. Prior to installation, ensure all your equipment is compatible with these connectors. The connectors are designed to work seamlessly with standard solar cables and panels.
2. Always ensure the connectors are dry and clean before use.
3. Make sure you are in a safe environment before beginning installation.

Installation Procedure

1. **Identify the Connectors:** The male connector will have metal pins, while the female connector will have metal sleeves.
2. **Panel Alignment:** Identify the positive and negative terminals of your solar panels. Ensure they match with the corresponding connectors (Male for Negative and Female for Positive).
3. **Connection:** Insert the male connector from your solar panel cable into the female connector of the Rocksolar branch connector and vice versa. Ensure they click into place, indicating a secure connection.
4. **Check Connection:** Gently pull on each connector to ensure they are securely connected. If they come apart, repeat step 3.
5. **Repeat:** Repeat steps 2-4 for the remaining solar panel connections.

Maintenance and Cleaning

1. Clean the connectors regularly to ensure optimal performance. Use a soft, dry cloth to wipe off any dust or debris.
2. If the connectors are exposed to heavy rainfall or any other form of water, make sure to dry them off completely before using.
3. Check connections regularly to ensure they are secure.

Troubleshooting

1. **Connectors Not Fitting:** If the connectors are not fitting into each other, check to ensure you are connecting a male to a female connector and vice versa.
2. **Loose Connections:** If the connections are coming apart, ensure you hear a click when you join the connectors. If not, push harder until they snap into place.

Warranty and Service

Rocksolar offers a 1-year warranty on the 4 to 1 Solar Branch Connectors. If you experience any issues with the connectors during this period, please contact Rocksolar's customer service.