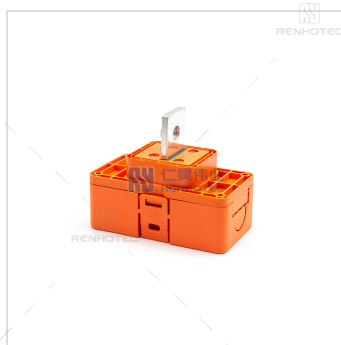




## 500A Waterproof High Voltage Battery Box Connector Orange

Part Number:

**FPBOX5510-CA-T8-RH**



### Basic Information

|            |        |
|------------|--------|
| Body Style | Square |
| Color      | Orange |

### Material Specification

|                  |              |
|------------------|--------------|
| Contact Finish   | Tin Plating  |
| Contact Material | Copper Alloy |
| Flammability     | UL94 V-0     |
| Shell Material   | Plastic      |

### Mechanical Specification

|                    |             |
|--------------------|-------------|
| Inside Thread      | M8          |
| Mounting Type      | Panel Mount |
| Termination Method | Busbar      |

### Electrical Specification

|                       |         |
|-----------------------|---------|
| Insulation Resistance | ≥5000MΩ |
| Rated Current         | 500A    |
| Rated Voltage         | 1500V   |
| Test Voltage          | 3000VDC |

### Environmental Specification

|                       |                 |
|-----------------------|-----------------|
| Ingress Protection    | IPXXB (Mated)   |
| Operating Temperature | -40°C to +125°C |
| Salt Spray Resistance | 48H             |

### How to Order

1. Specify the upper and lower mounting thread specifications.
2. Specify the panel cutout shape.
4. Specify whether waterproofing is required.
1. Specify the rated current.
5. Specify whether a protective cap is needed.
6. Specify the main body color.

#### **FOR EXAMPLE:**

The product with an installation end M8 internal thread structure, a two-ear flange mounting base, a 500A rated current, and an insulation protective cover has the part number RHT-FM8-3457-32-500A-C.

### Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.