



300A Waterproof High Voltage Metal Junction Box Connector Orange

Part Number:

FBOX3L1-CA-70S-M-RH



Basic Information

Color	Orange
Features	Sealed without the top cover assy

Material Specification

Contact Finish	Tin Plating
Contact Material	Copper Alloy
Flammability	UL94 V-0
Shell Material	Aluminum Alloy Nickel Plating

Mechanical Specification

Inside Thread	M10
Mounting Type	Panel Mount
Termination Method	Screw
Wire Gauge	70mm²

Electrical Specification

Insulation Resistance	≥5000MΩ
Rated Current	300A
Rated Voltage	1000V
Shielding	Shielded
Test Voltage	3000VDC

Environmental Specification

Ingress Protection	IP67 (Mated)
Operating Temperature	-40°C to +125°C
Salt Spray Resistance	48H (SST)

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.