

Thank you for choosing products from Swedish Microwave



Safety warnings

Make sure that the supplied voltage at the product connector is within the specification in the product sheet. Account for voltage drop in long cables. Incorrect voltage may affect functionality or damage the product.

The power supply to the product, including the supply cable, must be equipped with protection against over-current and short circuit. The current shall not exceed 1 ampere to prevent the risk of fire.

CAUTION!
Hot surface.
At high ambient temperatures, wear protective gloves before handling.

Make sure that the product and any cable are potential-free before connecting or disconnecting. Otherwise, a voltage discharge into a

connector may damage the product. This can be achieved by grounding both the product and cable. Make sure all connections are made before applying power. Too high RF input signal levels can damage or saturate the product.

This equipment is not suitable for use in locations where children are likely to be present.



Installation instructions

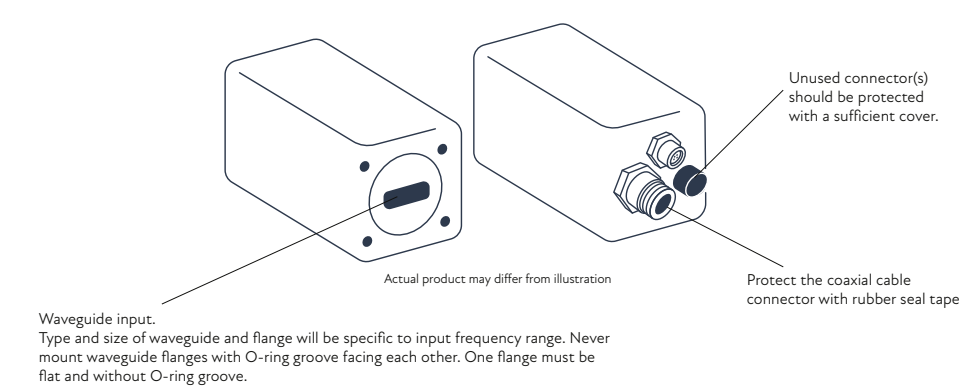
Remove adhesive waveguide protector and connector dust protecting caps before installation.

Make sure that the provided waveguide flange mounting screws are suitable for your specific installation. Other screw lengths may be necessary for adequate thread insertion/engagement. Improper installation of the device may lead to serious injury or property damage. Maximum installation altitude: 15,000 ft (4,572 metres).

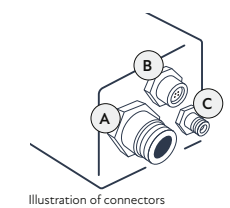
It is very important to always use the supplied conductive O-ring gasket when mounting the device to the antenna feed system. The conductive O-ring gasket may have custom dimensions to fit flange groove, additional gaskets can be ordered free of charge.

The waveguide input, and unmated connectors, are not waterproof. Make sure both used and unused connectors are protected from water and moisture according to installation environment. In extreme environments where IP67 class protection can be deemed insufficient, it is recommended that appropriate action is taken to ensure reliable operation and longevity.

The device is designed for operation in temperatures between -40°C to +80°C. Maximum surface/case temperature must not exceed +80°C under worst case solar load.



Connectors



- A** N (female) 50 Ω – IF output, power input, external reference input. Refer to product sheet for available connector types.
- B** Optional. M8 (female) for Alarm and M&C. RS485, 4-pin, A-key coded. Optionally power input.
- C** Optional. SMA (female) for separate external reference and/or power input.



Download the complete manual from www.smw.se/ug

Komplette Betriebsanleitung

Version complete du manuel

Manual de version completa



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Maintenance and Repair

The device does not contain any parts that can be serviced by the end-user. For any inquiries related to maintenance, warranty or service, go to www.smw.se or email support@smw.se. Please request a RMA before returning any devices.



Warranty and Legal

ORGALIM S 2022 and Appendices <https://smw.se/terms>. Standard Warranty 36 Months. Specifications are subject to change without prior notice. Declaration of Conformity is available on request. Individual testreports is available on request. Country of origin is Sweden.



Alarm, Monitoring & Control.

Function is enabled on select products. The M&C Startkit contains cable with connector M8 and a USB Transceiver for connecting to PC/ host (RTU). Register map for available (R/W) parameters, is specific to each product model and available to download from smw.se. Modbus software or driver is not included, but for purposes of testing or troubleshooting the freeware SMW Monitoring & Control (M&C) Evaluation Tool is available on request.



Follow QR-code link to the website to download documentation, productsheets, technical drawings, complete manuals and appropriate register maps.
<https://smw.se/findproduct>

SWEDISH MICROWAVE

QUICK GUIDE LNB