

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.

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.

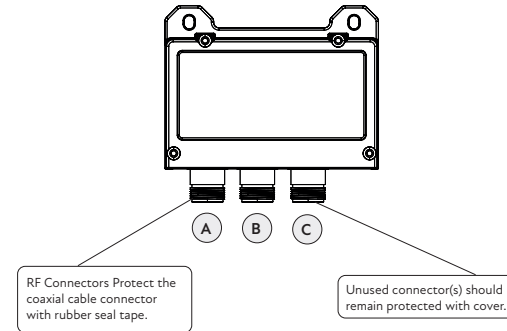
Too high RF input signal levels can damage or saturate the product.



#### Installation instructions

Use the predrilled holes for mounting the device vertically. Any other means of mounting may void the warranty. As the Line Amplifier has very high IP3 we recommend to install it very close to or direct after the LNB.

Protect against water penetration. The components are designed for operation in temperatures between -40°C to +80°C.

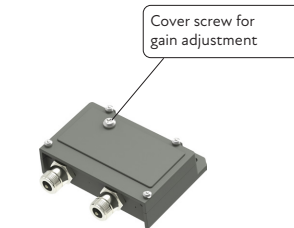


\*Actual product may differ from illustration

#### Gain adjustment

In models with gain adjustment it's possible to decrease the gain 0 to -10 dB by adjustment of an potentiometer. Remove the cover screw and use a flat screwdriver to adjust the potentiometer for reducing the gain.

**NOTE!** Lower the gain will increase the Noise figure of the Line Amplifier. The model with AGC have no adjustment.



#### Connectors

- A** N (female) 50  $\Omega$  – IF input from LNB and power output to LNB  
Types: F (female) 75  $\Omega$  or SMA (female) 50  $\Omega$
- B** N (female) 50  $\Omega$  – Optional power input +10 to +28 V DC  
Types: F (female) 75  $\Omega$  or SMA (female) 50  $\Omega$  or pigtail
- C** N (female) 50  $\Omega$  – IF output to receiver/modem and power input +10 to +28 V DC. Types: F (female) 75  $\Omega$  or SMA (female) 50  $\Omega$



#### NOTE!

Please review the specific productsheet for a detailed schematic on connectors and functions available.



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



Download the complete manual from [www.smw.se/ug](http://www.smw.se/ug)

Komplette Betriebsanleitung

Version complete du manuel

Manual de version completa

**SWEDISH  
MICROWAVE**  
PART OF BEJERTECH

Swedish Microwave AB | Dynamovägen 5 | S-591 61 Motala  
Sweden | Contact: +46 141 21 61 35 | [sales@smw.se](mailto:sales@smw.se) | [smw.se](http://smw.se)

Q21431-012 rev2601



#### 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](http://www.smw.se) or email [support@smw.se](mailto: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.

**SWEDISH  
MICROWAVE**

**QUICK GUIDE  
L-BAND AMPLIFIER**