LANSEN

Gateway range extender
DIN wireless M-Bus FAMP 868

LAN-WMBUS-FAMP868-(LP)

DEVICE

The Lansen FAMP (**F**iltered **Amp**lifier) for Wireless MBUS C1-, T1- and S1-mode drastically increases the receiver performance of the gateway.

The Lansen FAMP is seamlessly mounted between the antenna and the gateway using standard SMA-connector. The device is DIN mountable and can be mounted either vertical or horizontal, depending on version. The robust shielded enclosure, high quality components, together with clear LED indications ensures an easy installation and a long service life.

INDICATION

POWER	Green LED
INTERFERENCE HIGH	Red LED output signal higher than -5 dbm (output signal +10 dB)
INTERFERENCE MEDIUM	Yellow LED in band interference higher than -29 dbm (output signal -14dBm)

CONNECTOR

ANTENNA/GW	SMA female
MOUNTING	DIN rail clips

POWER

POWER SUPPLY	External power supply needed
VOLTAGE	DC 12-24V, AC 12-24V
POWER	270 mW (60mA at 12DC)

GENERAL INFORMATION

STANDARDS	EN 300-220, EN 301-489, EN 60950-1
TEMPERATURE	-40⁰ / +85⁰
RELATIVE HUMIDITY	None condensing
COLOR	Black and Orange
SIZE (W x H x D)	58 x 80 x 30 mm not including the DIN clip and SMA connector
MATERIAL	Aluminium

DEVICES

LAN-WMBUS-FAMP868 Made for smallest horizontal space, as the picture
LAN-WMBUS-FAMP868-LP Made for mounting the broad side.

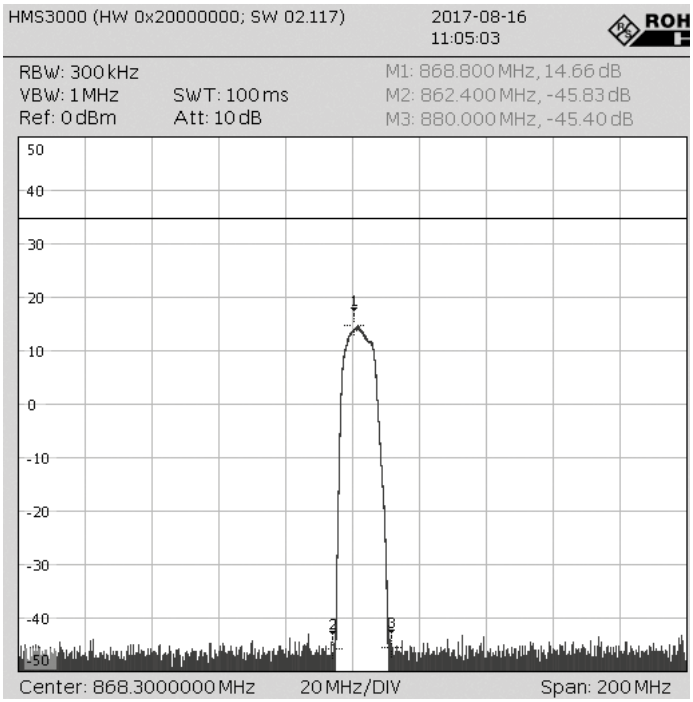
PERFORMANCE

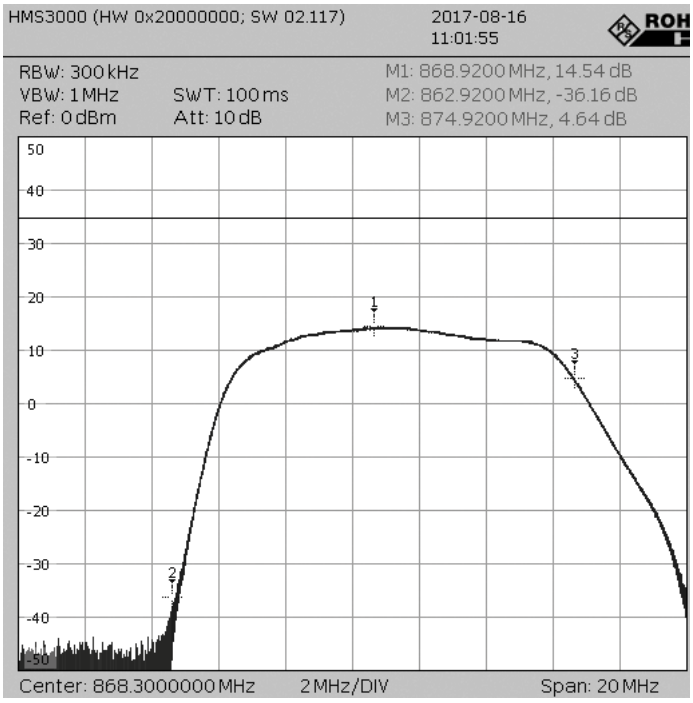
The device amplifies the wanted signal and filters the incoming signal by removing disturbances from 4G, LTE, TV, WLAN etc. By using the Lansen FAMP the wireless range of the gateway can be increased up to 2x or even higher if used in areas where the disturbances are high. The extended filtering of the power ensures that the device will operate optimal independent of power source.

USAGE

The device is used where signals from mobile phones, mobile base stations, TV etc would interfere with the reception of the desired signal, thus lowering the range between meters and a receiver (gateway). The device is also used to extend the range by increasing the sensitivity of the receiver by taking advantage of the exceptional low noise amplifier together with the exceptional high performance low loss filtering.

LANSEN SYSTEMS AB
sales@lansen.io/www.lansen.io
Rörkullsvägen 7
S-302 41 Halmstad
Sweden





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