

LNA-GPS line amp-...

Low-noise line amplifier for the 1575 MHz GPS band

DESCRIPTION

- Miniature GPS line amplifier.
- Suitable for GPS signal distribution network.
- Built-in band-pass filter to attenuate unwanted signals and clean up the distributed GPS signal.
- Low input and output SWR.
- Low noise figure.
- Low weight.
- Wide temperature range.
- Wide supply voltage range.
- Low power consumption.
- DC supplied from phantom voltage on the signal line.
- DC-path from output to input.

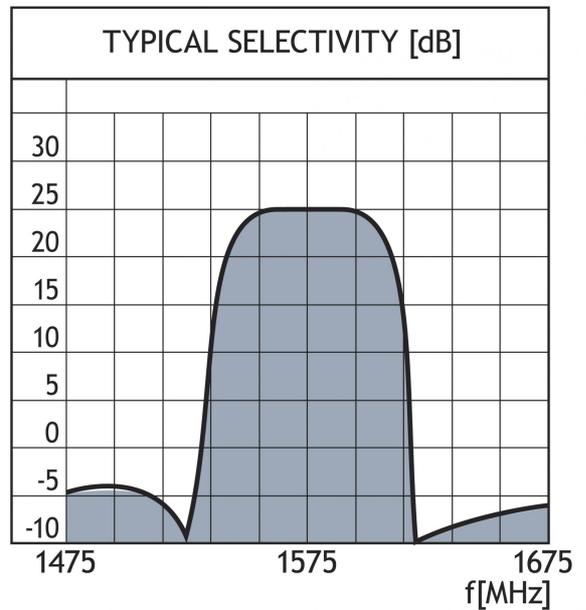


ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	DC-PATH
LNA-GPS line amp-SMA-SMA	210001657	DC-path between input and output
LNA-GPS line amp-TNCf-SMA-0DC	210001163	DC blocked on input

SPECIFICATIONS

ELECTRICAL	
MODEL	LNA-GPS line amp-...
FREQUENCY RANGE	1575 ± 10 MHz
NOMINAL GAIN	25 dB ± 1.5 dB @ 1575 MHz
NOISE FIGURE	Max. 3.0 dB, Typ 2.5 dB
OUTPUT IP3	>+14 dBm
P ₁ dB	>0 dBm
IMPEDANCE	Nom 50 Ω
SWR (in- and output)	Max. 2.0 typ. 1.5
SUPPLY VOLTAGE	3 – 15 VDC
CURRENT CONSUMPTION	10 mA
MECHANICAL	
TEMP. RANGE	-30°C → + 70°C
COLOUR	Black
CONNECTORS	Input: SMA-female Output: SMA-female
DIMENSIONS (L x W x H)	62 x 66 x 19.5 mm (incl. connectors and flanges)
WEIGHT	Approx. 65 g



PROCOM A/S reserve the right to amend specifications without prior notice.

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