

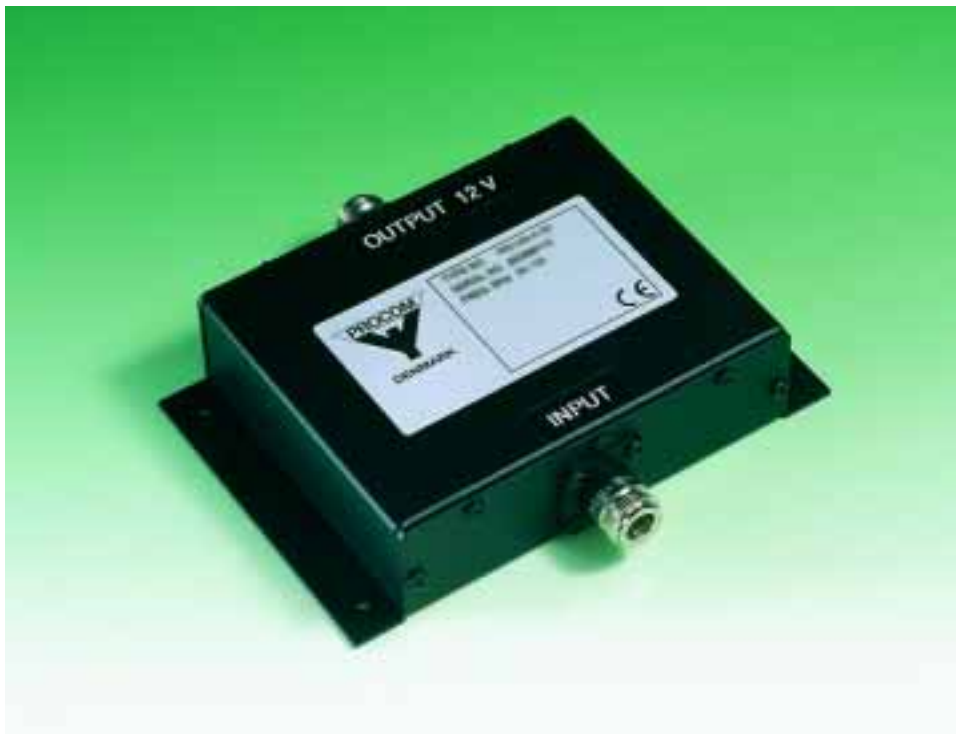
PRO-LNA-1200-12V

Low-noise Preamplifier for 1140-1300 MHz



DESCRIPTION:

- ★ Miniature high-dynamic range low-noise preamplifier.
- ★ For use where additional preamplification is required:
 - receivers with long antenna cabling
 - measuring instruments
 - antenna distribution systems
 - scanners.
- ★ Low noise figure: < 1 dB.
- ★ Band-segmented frequency range. Series covers 10 kHz-1300 MHz.
- ★ 12 V operating voltage (24 V as option).
- ★ N-female connectors on input and outputs (other types available).



SPECIFICATIONS:

| ELECTRICAL | |
|---------------------------|---|
| FREQUENCY RANGE | 1140-1300 MHz |
| GAIN [S21] | +15 dB (Gain adj. 0/-10 dB) |
| P _{1dB} | +5 dBm (@15 dB gain) |
| NOISE FIGURE | < 1 dB @ 1200 MHz |
| 3rd ORDER INTERCEPT POINT | > +15 dBm @ 15 dB gain |
| INPUT SWR | Max. 2.0, typically < 1.5 |
| OUTPUT SWR | Max. 1.5, typically < 1.3 |
| ISOLATION OUTPUT TO INPUT | > 25 dB |
| VOLTAGE | 11-14 V @ 12 V: 85 mA (24 V as option) |
| MECHANICAL | |
| DIMENSIONS (L x W x H) | 138 (incl. conn.) x 152 (incl. flanges) x 35 mm |
| WEIGHT | Approx. 280 g |

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