

Jersey Microwave

Low Noise Amplifiers

Features

- ✓ High gain
- ✓ Low noise figure
- ✓ High Reliability
- ✓ Internal Voltage Regulator

Options

- ✓ Gain control to improve input dynamic range
- ✓ Input/Output monitor
- ✓ Alternative gain, Output Power for specific requirements.



Electrical Specifications

| Model No. | Freq. (MHz) | Gain (dB) Min. | Flatness (± dB) Max. | N.F. (dB) Max. | Po (1dB) (dBm) Min. | Ret. Loss (dB) In/Out Min. | Current* (mA) +12 Vdc |
|------------------|-------------|----------------|----------------------|----------------|---------------------|----------------------------|-----------------------|
| VLNA-175450-3515 | 175-450 | 35 | 0.75 | 1.5 | +17 | 14 / 14 | 100 |
| VLNA-200600-3515 | 200-600 | 35 | 0.75 | 0.7 | +17 | 16 / 16 | |
| ULNA-50100-3315 | 500-1000 | 33 | 0.75 | 0.8 | +17 | 15 / 15 | 100 |
| LLNA-1015-3310 | 1000-1500 | 32 | 0.75 | 0.7 | +8 | 15 / 15 | 80 |
| LLNA-1722-2817 | 1700-2200 | 28 | 0.75 | 0.8 | +17 | 15 / 15 | 100 |
| LLNA-1824-3210 | 1800-2400 | 30 | 0.75 | 0.9 | +10 | 15 / 15 | 120 |
| SLNA-2227-3010 | 2200-2700 | 30 | 0.75 | 0.9 | +10 | 15 / 15 | 120 |
| SLNA-2040-3618 | 2000-4000 | 36 | 0.85 | 4.0 | +19 | 14 / 14 | 160 |
| CLNA-4450-3515 | 4400-5000 | 35 | 0.85 | 1.8 | +15 | 17 / 17 | 180 |
| CLNA-5060-3515 | 5000-6000 | 35 | 0.85 | 2.3 | +15 | 13 / 14 | 180 |
| CLNA-4070-3010 | 4000-7000 | 30 | 1.00 | 3.0 | +12 | 10 / 12 | 180 |
| CLNA-5359-3515 | 5300-5900 | 35 | 0.85 | 2.0 | +15 | 17 / 17 | 200 |
| CLNA-5864-3515 | 5800-6400 | 35 | 0.85 | 2.0 | +15 | 17 / 17 | 200 |
| CLNA-6472-3515 | 6400-7200 | 35 | 0.85 | 2.0 | +15 | 17 / 17 | 220 |
| CLNA-6090-3512 | 6000-9000 | 35 | 0.85 | 2.5 | +13 | 10 / 10 | 220 |
| CLNA-6018-3506 | 6000-18000 | 35 | 0.85 | 3.8 | +6 | 12 / 12 | 220 |
| XLNA-8020-3806 | 8000-20000 | 38 | 1.00 | 3.8 | +6 | 10 / 10 | 240 |
| KLNA-1824-3306 | 18000-24000 | 33 | 1.00 | 3.8 | +6 | 12 / 12 | 250 |
| KALNA-2031-2506 | 20000-31000 | 25 | 1.50 | 4.0 | +6 | 10 / 10 | 250 |
| KALNA-2634-3808 | 26000-34000 | 38 | 1.80 | 4.0 | +8 | 8 / 8 | 250 |

Note: Specifications are subject to change without notice