



LNB

QUAD-BAND PLL

1000HU



TYPICAL SPECIFICATIONS

| | | | |
|-----------------------|---|------------------------------|---|
| Noise Figure | 0.8 dB | Current | 350 mA |
| LO Stability | ±25 kHz | Specs for Tone | |
| LO Phase Noise | -73 dBc at 1 kHz -78 dBc at 10 kHz -100 dBc at 100 kHz -110 dBc at 1 MHz | Freq. | 22 kHz ±4 kHz |
| Gain | 55 dB | Amp. | 0.6 ± 0.2 V |
| Output P1dB | +15 dBm | Duty Cycle | 50% ±10% |
| DC Power | | Input Waveguide | WR-75 |
| Band 1 | 13 V | Output (waterproof) | F-connector (75 ohm) N (Optional) (50 ohm) |
| Band 2 | 13 V / 22KHz Tone | Dimensions | 140 x 70 x 44 (L x W x H) |
| Band 3 | 18 V | Weight | 300 g |
| Band 4 | 18 V / 22KHz Tone | Operating Temperature | -30 ~ +60°C |
| | | Storage Temperature | -40 ~ +80°C |

FREQUENCY BANDS AVAILABLE

| | Band 1 | Band 2 | Band 3 | Band 4 |
|----------------------------------|-----------------|------------------|------------------|-------------------|
| Frequency Band (RF Input) | 10.7 ~ 11.7 GHz | 10.95 ~ 11.7 GHz | 11.7 ~ 12.75 GHz | 12.25 ~ 12.75 GHz |
| LO Frequency | 9.75 GHz | 10.00 GHz | 10.75 GHz | 11.30 GHz |
| IF Frequency | 950 ~ 1950 MHz | 950 ~ 1700 MHz | 950 ~ 2000 MHz | 950 ~ 1450 MHz |

HOW TO ORDER

1208HUF

| | |
|--------------|------------------------------|
| CONNECTOR | F - Standard N - Optional |
| NOISE FIGURE | 0.8 dB |
| LO STABILITY | ±25 kHz |
| LNB SERIES # | |

MECHANICAL DIAGRAM

