



LNB KA-BAND ISO 9000XI



TYPICAL SPECIFICATIONS

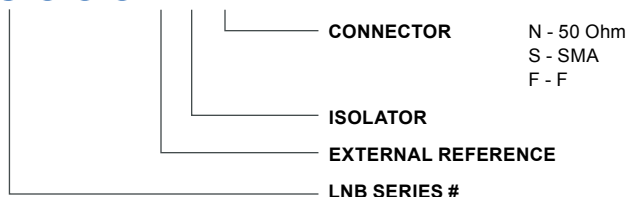
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|------------------------------|---|
| Noise figure | 1.8 dB @ 23°C |
| L.O. stability | Phase locked to External Reference |
| External Ref 10MHz | -5 to 5 dBm |
| Phase noise (SSB) max | -62 dBc/Hz at 100Hz -72 dBc/Hz at 1kHz -82 dBc/Hz at 10kHz -92 dBc/Hz at 100kHz -102 dBc/Hz at 1MHz |
| Input VSWR | 1.3 : 1 |
| Output VSWR | 1.8 : 1 |

| | |
|-------------------------------------|--|
| Conversion gain | 60 dB |
| Gain flatness over frequency | ±2.0 dB |
| Gain flatness over temp | ±4 dB |
| Output P1dB | +15 dBm |
| Power requirements | +15 to +24 V supplied through center conductor of IF cable |
| Waveguide Flange | WR42 |
| Current drain | 400 mA |
| Dimensions | 153 (L) x 77 (W) x 51 (H) mm (6.1 x 3 x 2 in) |
| Weight | 700 g (24.7 oz) |
| Temperature Range | -40°C to +60°C |

FREQUENCY BANDS AVAILABLE

| | |
|-------------------------------|----------------|
| Typical service | 9000XI |
| Input frequency (GHz) | 20.20 to 21.20 |
| L.O. frequency (GHz) | 19.20 |
| Output frequency (MHz) | 1000 to 2000 |

9000XIN



MECHANICAL DIAGRAM

