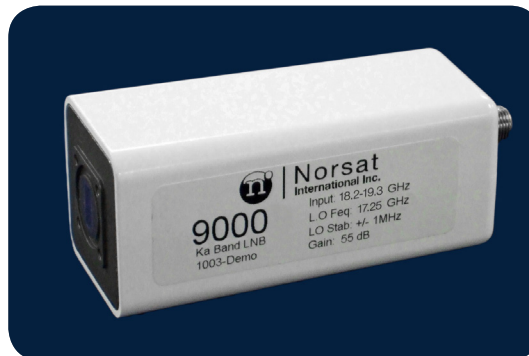




LNB KA-BAND DRO 9000



TYPICAL SPECIFICATIONS

| | |
|--|---|
| Noise figure | 1.3 dB |
| L.O. stability (over temperature excl offset) | ±1 MHz |
| Phase noise (SSB) | -50 dBc/Hz at 1kHz -65 dBc/Hz at 10kHz -90 dBc/Hz at 100kHz |
| Input VSWR | 2.5 : 1 |
| Output VSWR | 2.3 : 1 |

| | |
|--------------------|---|
| Conversion gain | 55 dB |
| Output P1dB | 5 dBm |
| Power requirements | +15 to +24 V supplied through center conductor of IF cable |
| Current drain | 175 mA |
| Input Waveguide | WR42 |
| Dimensions | 111 (L) x 42 (W) x 42 (H) mm |
| Weight | 350 g / 12.5 oz |
| Temperature Range | -40°C to + 60°C |

FREQUENCY BANDS AVAILABLE

| | |
|------------------------|-------------|
| Typical service | 9000C |
| Input frequency (GHz) | 20.2 - 21.2 |
| L.O. frequency (GHz) | 19.25 |
| Output frequency (MHz) | 950 to 1950 |

HOW TO ORDER

9000CN

| | |
|--------------|--------------------------|
| CONNECTOR | F - 75 Ohm N - 50 Ohm |
| FREQUENCY | C: 20.2 - 21.2 GHz |
| LNB SERIES # | |

MECHANICAL DIAGRAM

