

ICECRYPT

Single LNBF



INPUT FREQUENCY	10.7~12.75 GHz
L.O. FREQUENCY	9.75/10.6GHz ± 1 MHz
STABILITY	±2 MHz(- +)
L.O. PHASE NOISE	-70 dBc/Hz@1KHz -90 dBc/Hz@10KHz -105 dBc/Hz@100KHz
OUTPUT FREQUENCY	950-2150 MHz
CONVERSION GAIN	60 dB (TYP)
GAIN FLATNESS	±0.5 dB/36 MHz
NOISE FIGURE	Up to 0.1dB
INPUT V.S.W.R	2.5:1
OUTPUT V.S.W.R	2.5:1
LOCAL LEAKAGE AT INPUT	-45 dBm
IMAGE REJECTION	50 dB
OUTPUT POWER	+ 5 dBm (AT 1 dB COMPRESSION)
CROSS POLAR ISOLATION	23dB MIN
DC SUPPLY VOLTAGE	11-14.5 V (V),15.5-22 V (H)
SUPPLY CURRENT	130 mA (MAX)
OPERATING TEMPERATURE	~ +
RELATIVE HUMIDITY	0%~95%
LOW/HIGH BANDS SWITCHING	Low Band: 0 kHz High Band:22kHz ± 4kHz
IF OUTPUT CONNECTER	"F" TYPE FEMALE
OUTPUT IMPEDANCE	75 OHMS