

LNBF KU-Band Universal and Dual Pol. , INFOSAT Model : LNB K03



LNB K03

Specifications

Model No.	LNB K03
Input Frequency Range	Low Band
	12.25 ~ 12.75 GHz
Output Frequency Range	950 ~ 1450 MHz
L.O. Frequency	11.3 GHz
Noise Figure	0.6 dB (typ.)
F/D Ratio	0.5~0.7
Input Reflector Type	Offset
Cross Pol. Isolation	20 dB (typ.)
Conversion Gain	55 dB
Gain Flatness	± 0.5 dB / 27 MHz.
L.O. Frquency Stability (25°C) (-30°C~ 60°C)	± 1 MHz
	± 3 MHz
L.O. Phase Noise (1 KHz Offset) (10 KHz Offset) (100 KHz Offset)	- 55 dBc/Hz
	- 80 dBc/Hz
	- 100 dBc/Hz
Image Rejection	45 dB (min.)
Output Power (at 1 dB Gain Compression Point)	0 dBm (min.)
Output Return Loss	-
Output VSWR	2.5 : 1 (MAX)
Output Connector	75 Ω F Type (Female)
D.C. Supply Voltage	-
D.C. Current Consumption	130 mA (typ.)
Polarity Switching Voltage	Vertical : 11.5 ~ 14 V
	Horizontal : 16 ~ 19 V
Band Switching Low Band Hi Band	-
Operating Temperature	-40°C ~ 60°C