

Dual Polarity and Single LNBF C&KU-Band , INFOSAT Model. LNB CKU-02



Specifications :

Model No.	C-Band	Ku-Band
Input Frequency Range	3.4 ~ 4.2 GHz	10.7 ~ 12.75 GHz
Output Frequency Range	950 ~ 1750 MHz	1650 ~ 2150 MHz
L.O. Frequency	5.15 GHz ± 1 MHz	11.3 GHz
Noise Figure	17 ° K	0.5 dB (typ.)
F/D Ratio	0.5~0.7	0.5~0.7
Input Reflector Type	Prime Focus	Offset
Cross Pol. Isolation	-	20 dB (typ.)
Conversion Gain	65 dB	55 dB
Gain Flatness	± 0.75 dB / 36 MHz	± 0.5 dB / 27 MHz
L.O. Frequency (25 °C)	± 2.5 MHz	± 1 MHz
Stability (-30 °C ~ 60 °C)		± 3 MHz
L.O. Phase Noise (1 KHz Offset)	- 50 dBc/Hz	- 55 dBc/Hz
(10 KHz Offset)	- 75 dBc/Hz	- 80 dBc/Hz
(100 KHz Offset)	- 95 dBc/Hz	- 100 dBc/Hz
Image Rejection	45 dB (min.)	45 dB (min.)
Output VSWR	2.5 : 1 (MAX)	2.5 : 1 (MAX)
Output Connector	75 W F Type (Female)	75 W F Type (Female)
D.C. Current Consumption	250 mA (typ.)	130 mA (typ.)
Polarity Switching Voltage	Vertical : 10 ~ 13.5 V Horizontal : 15.5 ~ 25 V	Vertical : 11.5 ~ 14 V Horizontal : 16 ~ 19 V
Band Switching Low Band	-	-
Hi Band	-	-
Operating Temperature	-30 ° C ~ 70 ° C	-40 ° C ~ 60 ° C
Warranty Term	12 Months	

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE