

**LNBF KU-BAND TWO OUTPUT , Brand : INFOSAT Model : K032**



- ★ Input frequency 12.25 - 12.75GHz
- ★ Output frequency 950 – 1450MHz
- ★ LO Frequency 11300MHz
- ★ Ku-Band Dual polarization and single output
- ★ Polarity switchable through 13/18V
- ★ Direct receiver connection

specification			
Image Rejection	40 dB (Min.)	F/D Ratio	0.6
Cross Pol. discrimination	20dB(Min)	Input Reflector Type	Offset
Gain Flatness	4.5dB ( Over Band )	Noise Figure	0.7dB (Typ.), 1.0dB (Max.)
L.O. Frequency	11.30GHz/Two output	Conversion Gain	60dB(TYP)@25 °C 56dB(min)
Output Frequency Range	950 - 1450MHz	Gain Variation:	±1dB/54MHz
L.O. Stability	±1.0MHz@ °C ±3.0MHz@ -40 °C to +60 °C	L.O. Phase Noise	-53dBc/Hz (1kHz Offset) -76dBc/Hz (10kHz Offset) -92dBc/Hz (100kHz Offset)
Return Loss	8.0dB(2.3:1)	Output Power	0dB (Min.)
Power supply	11~19V DC	Output Connector	75ΩF type female
D.C. Current Consumption	120mA(TYP) 150mA(Max)	Operating Temperature	-30 °C to +60 °C