



Features

- Ultra light
- Compact size
- Extended C band range

C Band / Ku Band LNB

LNB C EX 17K/ KDF113/ KDR678

Specifications

Model	LNB C EX 17K	KDF-113	KDR-678
Band	C band LNB	Ku band LNB	Ku band LNB
Input Frequency	3.7~ 4.2 GHz	12.25 ~ 12.75 GHz	12.25 ~ 12.75 GHz
Output Frequency	950 ~ 1450 MHz	950 ~ 1450 MHz	950 ~ 1450 MHz
L.O & Stability (Over Temperature)	5.15 GHz ± 2.5 MHz	11.3 GHz ± 2 MHz	10.678 GHz ± 2 MHz
Noise Temperature (@+25 degree C)	25 ~ 35K (max)	0.6 ~ 0.9 dB (max)	0.6 ~ 0.9 dB (max)
Input VSWR	2.5:1 (typ)	2.5:1 (typ)	2.5:1 (typ)
Image Rejection	40 dBc (min)	40 dBc (min)	40 dBc (min)
Conversion Gain	66 dB typ (62dB min, 72dB max)	55 dB (typ)	55 dB (typ)
1 dB Gain Compression Point	5 dBm (typ)	0 dBm (min)	0 dBm (min)
Output VSWR		2:1 (typ)	
Gain Flatness		6 dBp-p (max)	
Gain Ripple (@ per channel)		± 0.75 dB (max)	
Output Impedance		75 Ω	
Leakage (@ Input port)		-60 dBm (max)	
Phase Noise		-80 dBc/Hz (@10KHz)	
		-95 dBc/Hz (@100KHz)	
		-110 dBc/Hz (@1MHz)	
Power Supply		12 ~ 24V DC	
Requires Current		150mA (max)	
Operating Temperature		-30°C ~ 60°C	
Storage Temperature		-40°C ~ 80°C	
Relative Humidity		0% ~ 95% RH	
Input Waveguide Flange	WR-229	WR-75	WR-75
IF Output Connector		F-Type Female	

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.