



C-BAND & KU-BAND DIGIREADY LNBF:

Model	C-BAND VH LNBF	KU-UN LNBF
Input Frequency	3.4-4.2 Ghz	Low:10.7-11.7 Ghz High:11.7-12.75 Ghz
Output Frecuency	950-1750Mhz	Low:950-1950 Mhz High:950-2150 Mhz
L.O. Frequency	5.15Ghz +/- 1 Mhz	Low:9750 Ghz High:10.6Ghz
L.O. Phase Noise	-55 <u>dbc/hz@1khz</u> -85 <u>dbc/hz@10khz</u> -105 <u>dbc/hz@100khz</u>	-50 <u>dbc/hz@1khz</u> -75 <u>dbc/hz@10khz</u> -95 <u>dbc/hz@100khz</u>
L.O. Stability(-40 to +70C)	+/- 1.5 Mhz	+/- 2.5 Mhz
Polarity	Switched H and V	N/A
Conversion Gain	65 db TYP	55 db TYP
Noise figure	15 K	Low:0.7 db Typ High:0.7 db Typ
Gain Flatness	+/- 0.5/36 Mhz	+/- 0.5/36 Mhz
Image Rejection	50 db	45 db(Min)
Output V.S.W.R.	2.5 :1	2.0 :1
Operating Temperature	-40 to +70 degree C	-40 to +70 degree C
Dc Supply Voltage	V:10-14.5 V(V) H:15.5-25V(H)	V:10-14.5 V(V) H:15.5-25V(H)
Supply Current	150 Ma(MAX)	150 Ma(MAX)
RF Input Connector	Wave Guide WC-229	N/A
IF Output Connector	F Female 75 OHM	F Female 75 OHM