

## P1700KU & P2700KU

### KU-BAND LNB/LNBF FSS/LINEAR

FSS/Linear Single/Dual Output  
Ku-LNBF  
50mm THROAT  
11.7-12.2 GHZ



**P1700KU      P2700KU**

<b>Model Number</b>	<b>P1700KU</b>	<b>P2700KU</b>
I/P Frequency	11.7-12.2 GHz	11.7-12.2 GHz
O/P Frequency	950-1450 MHz	950-1450 MHz
LO Frequency	10750	10750
Initial Setting Accuracy at 23 °C	1.0 MHz	1.0 MHz
LO Stability (-35 °C to 52 °C)	2.0 MHz	2.0 MHz
LO Phase Noise (kHz offset)	-58 dBc/Hz @ 1 -80 dBc/Hz @ 10 -105 dBc/Hz @ 100	-58 dBc/Hz @ 1 -80 dBc/Hz @ 10 -105 dBc/Hz @ 100
Noise Figure	0.8 dB (max.)	0.8 dB (max.)
Cross Pol. Isolation	25 dB (min.)	20 dB (min.)
Conversion Gain	50 to 62 dB (typical)	52 to 60 dB (typical)
Gain Flatness	0.75 dB/50 MHz	0.75 dB/50 MHz
Image Rejection	40dB (min.)	40dB (min.)
O/P Spurious	-60 dBm (min.)	-60 dBm (min.)
O/P Power at 1 dB Compression	0 dBm (min.)	0 dBm (min.)
O/P VSWR	2.0:1	2.5:1
O/P ports	1	2
O/P Port Type	75 WF-Female	75 WF-Female
Polarity Selections	10-14.5 V (V) 16-20 V (H)	10-14.5 VDC (V) 15.5-20 VDC (H)
Current Consumption	120 mA	180 mA (max.)
Working Temperature	-35 °C to 52 °C	-35 °C to 52 °C
Humidity	0-100%	0-100%
Reflector Type	Offset	Offset
Throat Size	50 mm	50 mm