

## Single LNBF

Model No. AP8-T4HB



<b>RF Input</b>	Frequency Range	11.7 ~ 12.2 GHz
<b>IF Output</b>	Frequency Range	950 ~ 1450 MHz
	Connector Type	75Ω Female Connector
	VSWR	2.5:1 (Max.) @ Room Temp.
<b>Local Oscillator</b>	Frequency	10.75 GHz
	Frequency Stability	± 1MHz (Max.) @ Room Temp. ± 3MHz (Max.) @ -40 ~ +60
	Frequency Phase Noise	-55dBc/Hz@ 1KHz (Max.) @ Room Temp. -75dBc/Hz@ 10KHz (Max.) @ Room Temp. -95dBc/Hz@ 100KHz (Max.) @ Room Temp.
<b>Conversion Performance @ Room Temperature</b>	Conversion GAIN	55dB (Typ.) 62dB (Max.)
	Gain Variation (P-P)	6dB (Max.)
	Gain Flatness	2dB (Max.)/26MHz
	Noise Figure	0.4dB (Typ.)
	Image Rejection	40dB (Min.)
	Cross Polarization	20dB (Min.)
<b>Power Requirements</b>	DC Current Consumption	110mA (Typ.)
	Operating Voltage	Vertical: 11.5 ~ 14Vdc Horizontal: 16 ~ 19Vdc
<b>Environment</b>	Operating Temperature	-40 ~ +60
	Storage Temperature	-55 ~ +80