

# 150517

## Dual Output DBS LNBF

- Dual Output LNBF
- Lightweight and small size for easy installation
- Compatible with DirecTV Multi-Satellite, DirecTV Para TODOS, and DirecTV Dish Antennas
- Feed diameter is 30 mm



<b>Input Frequency Range</b>	12.2 to 12.7 GHz	<b>LO Leakage, Input</b>	-50 dBm
<b>Output Frequency</b>	950 to 1450 MHz	<b>Harmonic</b>	20 dBc, Max.
<b>Noise Figure</b>	1.1 dB, Max	<b>Non-Harmonic</b>	30 dBc, Max. (in-band)
<b>Gain</b>	50 to 62 dB	<b>P-out, -1dB</b>	0.0 dBm, Min
<b>Gain Flatness</b>	5.0 P-P Max., ±0.5 dB, Max./24 MHz	<b>Output VSWR</b>	2.0:1 Max., Into 75 ohms
<b>Image Rejection</b>	40 dB Min	<b>Output Connector</b>	F-Type, 75 ohms
<b>LO Frequency</b>	11.25 GHz, ± 2 MHz	<b>Polarization</b>	Circular
<b>LO Accuracy</b>	±4.0 MHz from nominal	<b>Polarization Selection</b>	R = 11.5 to 14.0V, L = 16.0 to 19.0V
<b>Phase Noise</b>	all effects, including temperature	<b>Cross Polarization</b>	20dB Min.
	-55 dBc @ 1 KHz	<b>F/D Ratio</b>	0.58 to 0.60, 22.5° offset mount
	-80 dBc @ 10 KHz	<b>Supply Current</b>	200 mA, Max., 11.5 to 24 volts
	-100 dBc @ 100 KHz	<b>Operating Temperature</b>	-30°F to +125°F (-34°C to +52°C)
	-120 dBc @ 1 MHz	<b>Storage Temperature</b>	-30°F to +125°F (-34°C to +52°C)