

LNB GTSLRC1



Universal Single LNB

Manufacturer: [GTSAT](#)

Description	Input Frequency Range	Low band : 10.7 ~ 11.7 GHz High band : 11.7 ~ 12.75 GHz
	Output Frequency Range	Low band : 950 ~ 1950 MHz High band : 1100 ~ 2150 MHz
	LO Frequency	Low band: 9.75 GHz High band : 10.60 GHz
	LO Frequency Stability	+/-0,5 MHz (Max)@ room temperature
	LO Frequency Phase Noise	-60 dBc/Hz @ 1KHz (Max.) -80 dBc/Hz @ 10KHz (Max.) -100 dBc/Hz @ 100KHz (Max.)
	Noise Figure	0.1 dB (Typ.)
	Conversion gain	58 ~ 63 dB
	Gain Flatness 26 MHz Bandwidth	+/-0.5dB (Typ.)
	Polarity Switch Voltage	VERTICAL: 11.0 ~ 14.0 Vdc HORIZONTAL: 16.0 ~ 20.0 Vdc
	Band Switching	Low band: 0 kHz High band: 22 kHz (+/- 4 kHz)
	Control Signal Amplitude	0.6V
	1dB Compression Point	0 dBm
	VSWR	<2.0:1
	Cross. Pol. Isolation	20 dB (Max.)
	Image Rejection	40 dB (Min.)
	Current Consumption	105 mA (Max.)
	Output Connector Type	75 OHMS F-Female
	Output Spurious	<-60dBm
	Operating Temperature Range	-40°C ~ +65°C
	Feed Diameter	36 mm
	F/D ratio	0.6