



GT-TL1

Universal Twin LNB.
LTE immunity.





TECHNICAL SPECIFICATIONS

Input Frequency	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 (maximum) at room temp.
Local Oscillator Frequency Phase Noise	-60dBc/Hz at 1 kHz (maximum) -85dBc/Hz at 10 kHz (maximum) -97dBc/Hz at 100 kHz (maximum)
Noise Figure	0.1dB (typ.)
Conversion Gain	57 ~ 61dB
Gain Flatness 26MHz Bandwidth	+/- 0.5dB (typ.)
Polarity Switching Voltage	VERTICAL : 11.0 ~ 14.0 Vdc HORIZONTAL : 16.0 ~ 20.0 Vdc
Band Switching	Low Band : 0 kHz High Band : 22 kHz (+/- 4kHz)
Cross-Pol. Isolation	22 dB (typical)
Image Rejection	40 dB (typ.)
Output Spurious	<-60 dBm
Current Consumption	140 mA (typ.)
Output Connector Type	75 OHMS F-Female
Operating Temperature Range	-40°C ~ +65°C
Feed Length	42mm