



GT-QDCIR40M

Universal Circular Quad LNB.
LTE immunity.





TECHNICAL SPECIFICATIONS

Input Frequency	High Band 11.7 - 12.75 GHz
Output Frequency Range	950 ~ 2000 MHz
LO. Frequency	10.75 GHz
LO. Frequency Stability	+/- 1 MHz (maximum) at room temp.
Local Oscillator Frequency Phase Noise	-60 dBc/Hz at 1 kHz (maximum) -85 dBc/Hz at 10 kHz (maximum) -100 dBc/Hz at 100 kHz (maximum)
Noise Figure	0.1dB (typ.)
Conversion Gain	57 ~ 61 dB
Gain Flatness 26MHz Bandwidth	+/- 0.5dB (typ.)
Operating Voltage	RHCP : 11.0 ~ 14.0 Vdc LHCP : 16.0 ~ 20. Vdc
Cross-Pol. Isolation	22 dB (typ.)
Image Rejection	40 dB (minimum)
Output Spurious	<- 60 dBm
Current Consumption	210 mA (typ.)
Output Connector Type	75 OHMS F-FEMALE
Operating Temperature Range	40°C ~ +65°C
Feed Length	42 mm