

PRODUCT SPECIFICATIONS



GD-WB5 Down Converter Antenna

Gain(Converter):	>36dB
Noise Figure(Converter):	<2dB
RF Input Frequency:	2500-2700MHz
IF Output Frequency:	222-408MHz
Load Oscillator(L.O.)Frequency set:	2278MHz
L.O. Frequency Stability:	±30KHz; ±50KHz Max @(-40°C to 70 °C)
Gain Flatness:	±1.5dB, ±0.25dB/6MHz

Integrated Gain:

With 21dBiQLP Parabolic Antenna*	57dB ± 2dB
With 24dBiQLP Parabolic Antenna*	60dB ± 2 dB
L.O. Leakage @ QLP Port:	-50dB
L.O. Leakage @ Output Port:	-35dBm
Phase Noise:	-85 dBc/Hz@ 10kHz
Image Rejection:	45dB
IF Rejection:	-80dB
In Band Output Spurs/Harmonic:	-65dBc
IMD**:	-50dB
Third Order Intercept Point:	25dB

Maximum Output Level:

With 31 Channels Each:	33dBmV
Output Connector:	"F" Type Female, 75 Ohms

Model Number GD-WB5

Packaging Individually packaged

