

FEATURES

- Broadband Frequency Coverage
- High Resolution
- Low Power Consumption



Electrical Specifications:	
Frequency Range	6.0 to 18.0 GHz
Number of Bits	14 straight binary count, all zeros = 0 GHz, all ones - 20.48 GHz
RMS Frequency Accuracy	4 MHz
Frequency Resolution	1.25 MHz
Dynamic Range	0 to +10 dBm
VSWR, max.	2.5:1
Pulse Width	50 ns to CW
Signal to Noise Ratio	0 dB minimum (valid rate 99% min.)
Data Format	TTL
Optimum Trigger Delay	20 to 35 ns (50 nS pulse)
Digital Throughput Time	220 ns (trigger to data ready)
Bad Data Flag	85% probability of detection 2% probability of false alarm
Triggering	External, TTL, falling edge
DC Power	+15V @ 700 mA max. +5V @ 700 mA max. -5.2V @ 600 mA max.

Mechanical Specifications:	
Size	6" x 8" x 1.5" (152.4mm x 203.2 mm x 40mm)
Weight	5 pounds max.
Connectors	Field replaceable SMA input 37 pin MDM for DC power, digital I/O
Temperature Range	0 to +60°C