



High Reverse Isolation Amplifier, 13 dB Gain 10-1200 MHz

AM-188

- 26 dB Typical Reverse Isolation
- + 18 dBm Typical 1 dB Compression
- 1.2:1 Typical VSWR

Guaranteed Specifications*

(From -55°C to +85°C Case Temp)

Frequency Range	10-1200 MHz
Gain (+25°C) @500 MHz	12.8 ±0.5 dB
Frequency Response	± 1.0 dB Max
Gain Variation with Temperature	+ 0.5, - 1.0 dB Max
Output Power (1 dB Compression)	+ 16.0 dBm Min
Noise Figure	8.0 dB Max
Reverse Transmission	- 24 dB Max - 26 dB Typ
VSWR	2.0:1 Max
Intermodulation Intercept Point (for two-tone output power up to 0 dBm)	
Second Order	+ 40 dBm Min
Third Order	+ 26 dBm Min
Bias Power	+ 15 VDC @ 150 mA Max (130 mA, 1950 mW Typ)

Operating Characteristics

Impedance	50 Ohms Nominal
Maximum Rating	
RF Input	+ 10 dBm

Environmental

See Appendix for MIL-STD-883 screening option.

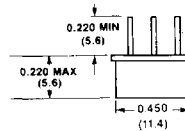
*All specifications apply when operated at +15 VDC, with 50 ohm source and load impedance. This product contains elements protected by U.S. Patent Number 3,891,934.

Heat Sinking: Operation at case temperature above 95°C is not recommended. Heat sinking adequate to dissipate 2 W. Must be provided in use.

Ordering Information

Model No.	Package
AM-188 PIN	TO-8-1

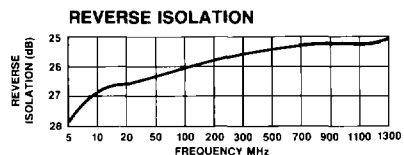
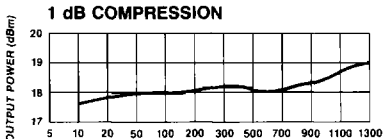
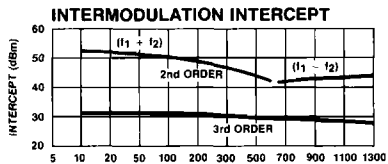
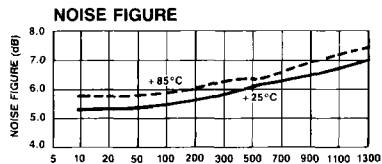
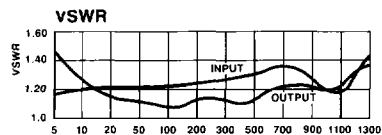
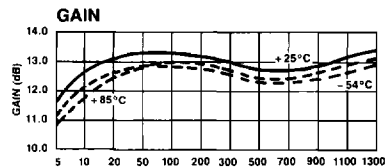
TO-8-1



Dimensions in () are in mm.

See Appendix for complete physical dimensions.

Typical Performance



Specifications Subject to Change Without Notice.