



# MU-DEL ELECTRONICS, INC.

## **Mu-Del Wide-Band Amplifier MDA-301000-20SBR**

This assembly is in a sealed compact package. It is designed to amplify a wide range of signals and drive a RF cable.

- Frequency Range 30 to 1000 MHz
- Gain 20 dB typical
- Gain Flatness +/- 0.5 dB maximum
- Noise Figure 2.5 dB maximum
- Input VSWR 2.0:1 maximum
- Output VSWR 1.5:1 maximum
- Impedance (input, output) 50 ohms
- Output Level @ 1 dB Compression +10 dBm minimum
- Connector Type N-f or user defined
- Power Requirements +15 VDC @ 200 ma
- Power Connector 3 pin locking connector or solder terminal
- Operating Temperature -20 to +51° C
- Storage Temperature -40 to +85° C
- Humidity 10 to 95%, non-condensing
- Operating Altitude 0 to 10000 feet MSL
- Package Size 8" x 6" x 3" approx.
- Chassis Type weatherproof

### **Following are some of the more popular options:**

Gain Adjustment	Different Frequency Range	Mounting Brackets
Higher / Lower Gain	Different Temperature Range	DC Power Indicator
	Different Output Level	

**Please consult factory for Ordering Information and to discuss options to modify any of the above specifications.**

