



MU-DEL ELECTRONICS, INC.

Mu-Del S-Band Amplifier MDA-13G-20SBR

This assembly is in a sealed compact package and is designed to mount on an external structure or pole. It is designed to amplify a wide range of frequencies prior to driving a RF cable.

- Frequency Range 1000 to 3000 MHz
- Gain 20 dB typical
- Gain Flatness +/- 1 dB maximum
- Noise Figure 5.0 dB maximum
- VSWR (Input / Output) 2.0:1 maximum
- Impedance (input, output) 50 ohms
- Output Level @ 1 dB Compression +15 dBm minimum
- Connector Type N-f or user defined
- Power Requirements +15 VDC @ 200 ma
- Power Connector Remote power through RF cable
- 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 10.5" x 6.5" x 3.5"
- 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.

