



MU-DEL ELECTRONICS

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.

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|-----------------------------------|-------------------------------|
| • 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.

