



MU-DEL ELECTRONICS

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
Higher / Lower Gain

Different Frequency Range
Different Temperature Range
Different Output Level

Mounting Brackets
DC Power Indicator

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

