



# MU-DEL ELECTRONICS, INC.

## Mu-Del Quad Channel Amplifier MDA-01250-4SC

	Channel 1	Channel 2	Channel 3	Channel 4
• Frequency Range	1.5 - 32 MHz	1 - 100 MHz	20 - 1k MHz	800 - 2500 MHz
• Amplifier Gain	45 dB $\pm$ 1 dB	45 dB $\pm$ 1 dB	47 dB $\pm$ 1dB	50 dB $\pm$ 1 dB
• Gain Adjustment, Front Panel	0 – 10 dB in 1 dB steps	0 – 10 dB in 1 dB steps	0 – 10 dB in 1 dB steps	0 – 10 dB in 1 dB steps
• Gain Adjustment, Rear Apron	10 dB, fixed	10 dB, fixed	10 dB, fixed	10 dB, fixed
• Input IP2	20 dBm min.	20 dBm min.	20 dBm min.	20 dBm min.
• Input IP3	10 dBm min.	10 dBm min.	10 dBm min.	10 dBm min.
• VSWR Input	1.5:1 max.	1.5:1 max.	1.5:1 max.	1.5:1 max.
• VSWR Output	2.0:1 max.	2.0:1 max.	2.0:1 max.	2.0:1 max.
• Output Level @ 1 dB Gain Compression	+15 dBm min.	+15 dBm min.	+15 dBm min.	+15 dBm min.
• RF Output Power Span	-10 to +10	-10 to +10	-10 to +10	-10 to +10
• Impedance: Input	50 Ohms	50 Ohms	50 Ohms	50 Ohms
• Impedance: Output	50 Ohms	50 Ohms	50 Ohms	50 Ohms
• Number of RF Inputs	1 per channel			
• Number of RF Outputs	1 per channel			
• Power Requirement	+15 VDC, 2 amp maximum			
• RF Connector Input/Output	QN Female			
• Dimensions	1.75" H x 19" W x 17" D			
• Weight	7 lbs.			

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

