

AMP 2150/2 AMP21502FA033

Dual L-Band Amplifier w/ Adjustable Gain & DC Blocking

General Description:

Designed and optimized specifically for the 700-2150 MHz frequency band, the **AMP21502FA033** Dual L-Band Amplifier provides high gain and controlled bandwidth. It provides variable gain to optimize the L-Band signal path through long coaxial cable runs and distribution networks. The AMP series amplifiers, like all other Quintech RF products, are manufactured utilizing highly reliable surface mount technology and advanced microstrip RF circuitry. The AMP21502FA033 represents the optimum choice for any 700-2150 MHz system applications.

Note: All inputs and outputs are DC blocked.

Specifications:

Frequency:	700-2150 MHz
Impedance:	75 Ω
Gain Range:	0 dB to 26 dB, adjustable from front panel (factory preset to 20 dB)
Frequency Response:	± 1 dB @ 20 dB gain
Noise Figure:	8 dB @ 20 dB gain
Input P1dB:	-10 dBm
MTBF:	54 years
OIP3:	12 dBm at +20 dB gain
Group Delay:	± 0.3 ns
Input Return Loss:	12 dB
Output Return Loss:	12 dB
Power Requirements:	100-240 V~, 50/60 Hz (autoranging)
Power Consumption:	17 W
RF Connectors:	Type F, 75 Ω
Operating Temperature:	-10° to +60° C
Mechanical:	1 RU (1.75" H x 19" W x 6.5" D)
Weight:	4.5 lbs. gross (boxed), 3.0 lbs. net

