

AMP 2150
AMP21501FK036
Line Amplifier w/ Adjustable Gain

General Description:

Designed and optimized specifically for the 700-2150 MHz frequency band, the **AMP21501FK036** Line Amplifier provides variable gain to optimize the L-Band signal path through long coaxial cable runs and distribution networks. The unit will be powered by AC Adapter and will pass DC for LNB power. The AMP series amplifiers, like all other Quintech RF products, are manufactured utilizing highly reliable surface mount technology and advanced microstrip RF circuitry. Housed in a rugged, weatherproof extruded housing, the AMP21501FK036 represents the optimum choice for any 700-2150 MHz system application, indoors or out.

Specifications:

Frequency:	700-2150 MHz
Gain Range:	+5 dB to +30 dB adjustable by internal pot (factory-preset to +30 db)
Frequency Response:	± 1 dB @ 20 dB gain
Noise Figure:	8 dB at +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:	11 dB
Output Return Loss:	12 dB
Power Requirements:	100-240 V~ 50/60 Hz, autoranging
Power Consumption:	21 W
RF Connectors:	Type F, 75 Ω
Power Connections:	AC/DC Adapter
Operating Temperature:	-10° to +60° C
Mechanical:	5.00" L x 3.25" W x 1.25" H
Weight:	0.5 lbs.



Power Cord Sold Separately

