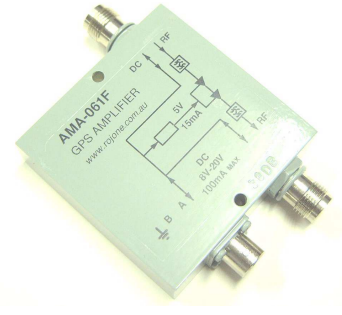
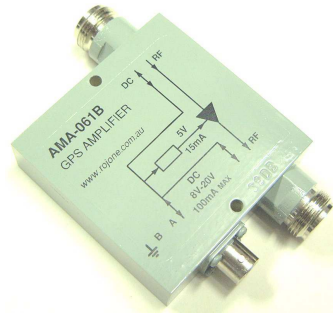


# GPS Amplifiers

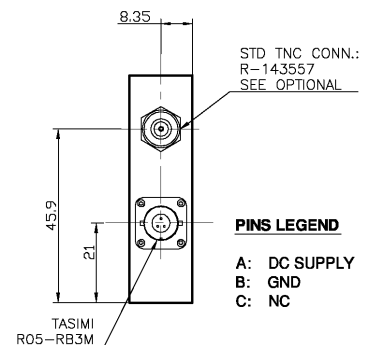
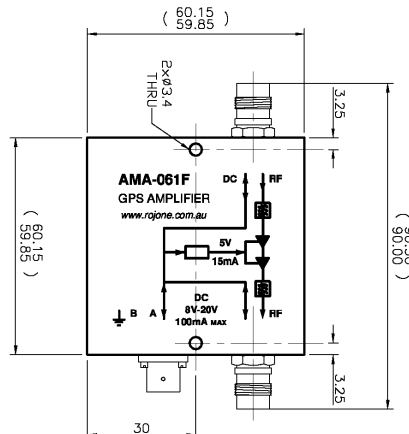
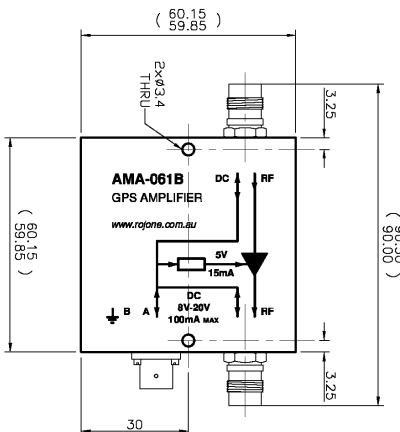


Rojone makes available two GPS amplifiers in our AMA-061 Series. AMA-061B is our broadband GPS Amplifier and our AMA-061F is a high rejection GPS filtered. Both these amplifiers are designed to boost GPS signals for long range transmission or for a GPS Repeater Kit. Our filtered amplifier is ideal for boosting GPS signal in noise environments. These amplifiers can also be used as a DC feeder for a GPS antenna, additional amplifier or as a DC splitter. The DC through can be regulated or by passed to the antenna for 5V systems.

## Specifications

Australian Made

Part Number	AMA-061B **	AMA-061F **
	<i>** Please refer to table on next page for actual code construction</i>	
Frequency Range	1220-1700 MHz (suits L1&L2)	1575 MHz
Bandwidth	480 MHz	10 MHz (+/-5MHz)
LNA Gain	38dB +/- 2dB	36 +/- 1dB
LNA Noise Figure	<1.3dB @ 20°C	< 1.3dB @ 20°
LNA OP 1dB Comp Pt	1dBm	1dBm
		Filter Rejection >70dB @ +/-50 MHz
Power Supply	DC Input 8 to 20 Volts @ 15mA or 5V @ 15mA Optional	or 5V @ 15mA Optional
Impedance	50 Ohms	Same
DC thru Resistance	< 4 Ohms	Same
DC thru Power	8-20 Volts @ 100mA or 5V @ 50mA Optional	Same
I/O VSWR	< 2:1	Same
Connector Type	TNC Female connectors for Antenna 3 Pin Bayonet coupling power c'nection	Same
Temp Range	-40° to + 85°C @ 100% Humidity	Same



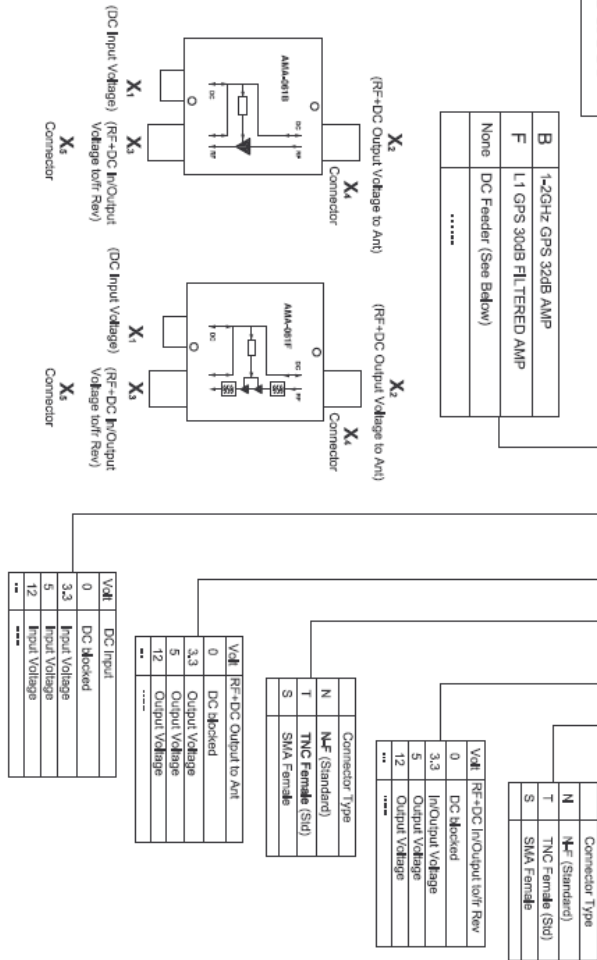
# PART NUMBER OPTIONS

061 Series Repeater  
061 Series DC Feeder

## 061 Series Repeater

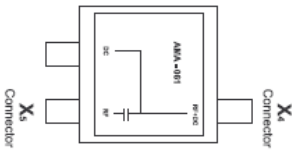
B	1-2GHz GPS 32dB AMP
F	L1 GPS 30dB FILTERED AMP
None	DC Feeder (See Below)
.....	.....

## AMA - 061 X - X<sub>1</sub> - X<sub>2</sub> X<sub>4</sub> - X<sub>3</sub> X<sub>5</sub>



\*\*Note: Standard product is supplied with 2 TNC female connectors or 2 N-F connectors.

## 061 Series DC Feeder



## AMA - 061 - X<sub>6</sub> - X<sub>4</sub> - X<sub>5</sub>

