

NGA-LA21-T GPS Inline Amplifier



Introduction

Raven's inline amplifiers are capable of amplifying both L1 and L2 frequencies and will improve performance on receivers with cable lengths of over 15m (50ft). They're available with SMA, TNC, BNC, or N connectors and no special wiring is required, making installation a breeze. The amplifier is compatible with all dual frequency GPS receivers due to its wide operating voltage range, 3VDC to 28VDC, and low power consumption, 8mA. Raven's amplifiers are made with gold plated brass with rugged and watertight packaging. Just plug the amplifier directly in line with your antenna cable. Power to the inline amplifier is already available from your GPS receiver, the inline amplifier uses the same power as the antenna so no extra wiring is required. As with all Raven products, our inline amplifiers come with a full one-year parts and labor warranty.

General Information

Inline Amplifiers with TNC connectors are 100mm in length, 16mm in diameter.

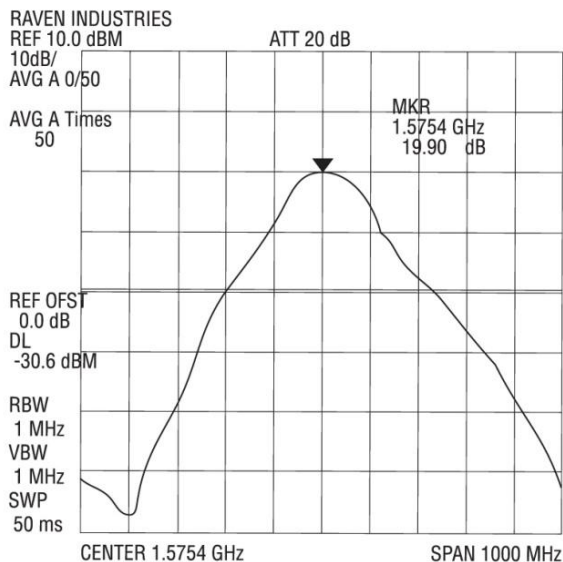
Power consumption 8mA.

Typical Noise figure for L1 Inline Amplifiers is <3 dB.

Input voltage for all models is from 3 to 28 VDC. Current draw is <10ma .

Operating temperature is -55°C to 85°C

Relative humidity 0-100% condensing



Typical Filtered Line Amp
Freq vs. Gain Plot

MODEL	CONNECTOR	GAIN
NGA-LA21-T	TNC type female both ends	20±2dB

For other connectors or L1/L2 band, please contact us



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