

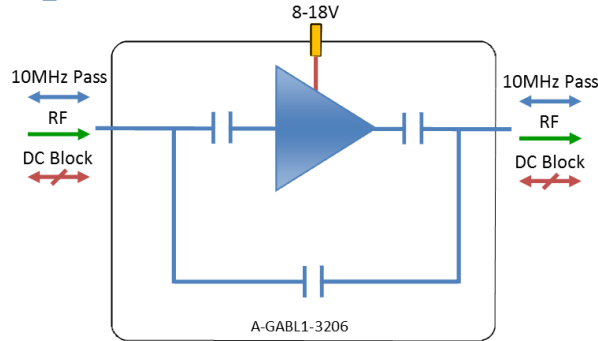


Model Number:
A-GABL1-3206

RF Components

L-band Amplifier

850-2150 MHz



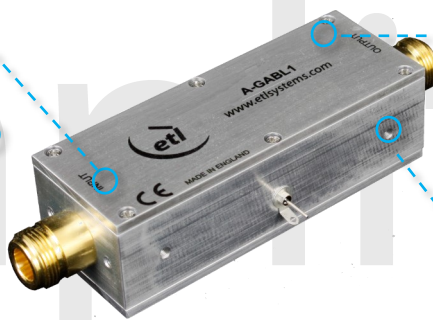
- 20dB gain
 - 10MHz pass and DC block on both ports
 - Requires 8 to 18V DC from an external source
- Available with RF connector options:
- 50 Ω SMA
 - 50 Ω N-type
 - 50 Ω BNC
 - 75 Ω BNC
 - 75 Ω F-type

24-48V
External DC
powering

Compact
Housed in
rugged compact
enclosure

850-2150 MHz
Operating frequency
range.

**Flexible
Mounting**
Tapped screw &
through hole
mounting options



RF Parameters						
A-GABL1-3206	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	850-2150 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Gain (dB)	20 ± 0.50	20 ± 0.50	20 ± 0.60	20 ± 0.75	20 ± 0.75	
Flatness ± (dB)	1.5	1.5	1.5	2.0	2.0	
Input Return Loss (dB)	Typ.	16	16	15	12	12
	Min.	12	12	12	8	8
Output Return Loss (dB)	Typ.	18	18	16	12	12
	Min.	14	14	12	8	8
Output P1dB GCP** (dB)	Typ.	18	18	18	18	18
	Min.	15	15	15	15	15
Output IP3 (dBm)	28	28	28	28	28	
Noise Figure (dB)	10	10	10	10	10	
**Gain Compression Point						

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





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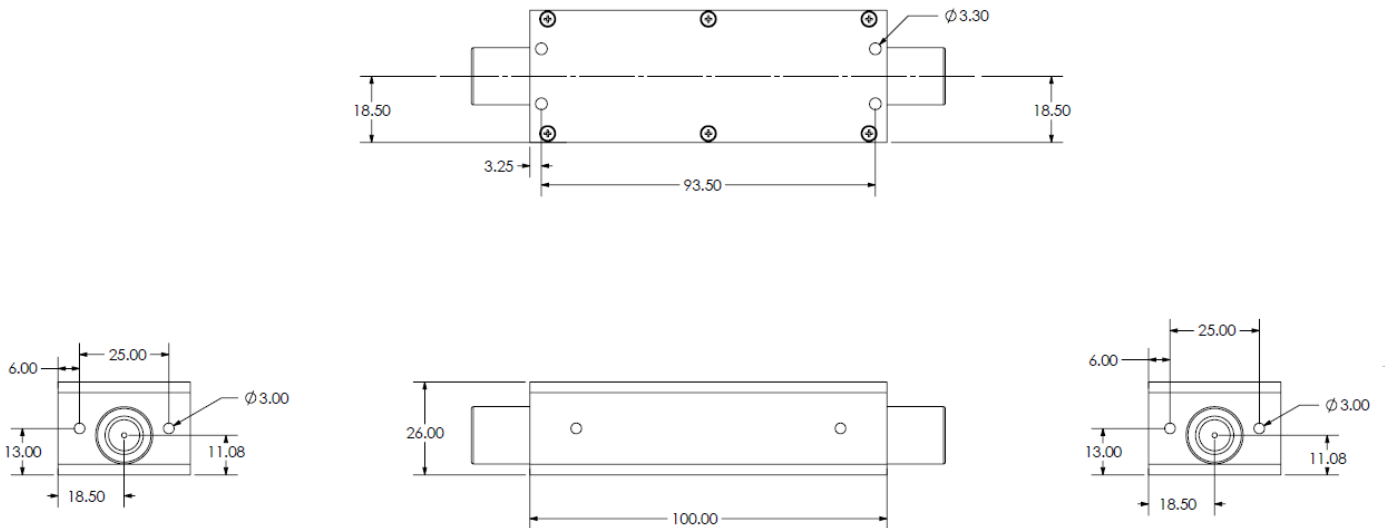
Technical specifications and operating parameters

Environmental		
Operating Temperature		0°C to +45°C
Storage Temperature		-20°C to +75°C
Location		Indoor use Only
Humidity	Max	85% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters		
Input RF Power		+16 dBm (40mW)
DC Voltage		35V on any RF port
DC Current	Max	N/A
DC Consumption		200mA Max, 160mA typical

! Operation beyond these limits may cause instantaneous and permanent damage.

Physical Dimensions (mm)



Note: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved specification accuracy.

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