

CLN-18G26G-4324-S is a Low Noise Amplifier providing a gain of 43 dB with a noise figure of 2.4 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 18.0-26.0 GHz
- Gain: 41 dB Min
- Noise Figure: 2.4 dB Max
- Solder filtered pins for DC connection
- Low VSWR, unconditional stable

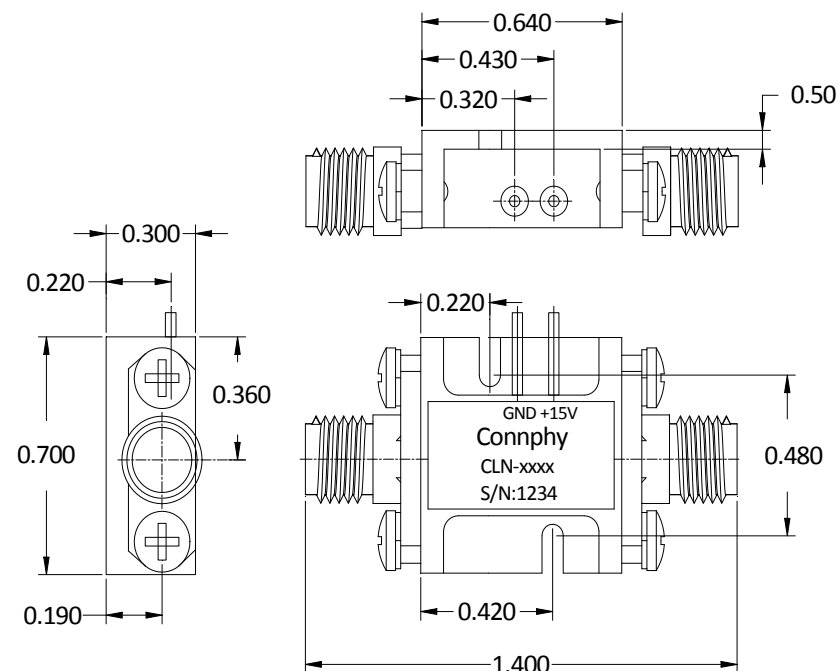
Specifications:

Frequency:	18.0- 26.0 GHz
Gain:	43 dB Typ, 41 dB Min
Gain Flatness:	±1.0 dB Typ, ± 1.50 dB Max
Noise Figure:	2.4 dB Max
Output P1dB:	19 dBm Min
Output IP3:	32 dBm Typ
VSWR Input:	2.0:1 Max
VSWR Output:	2.5:1 Max
DC Voltage:	+12 V to +15 V
DC Supply Current:	225 mA Typ
Connector:	SMA female

Environmental Ratings:

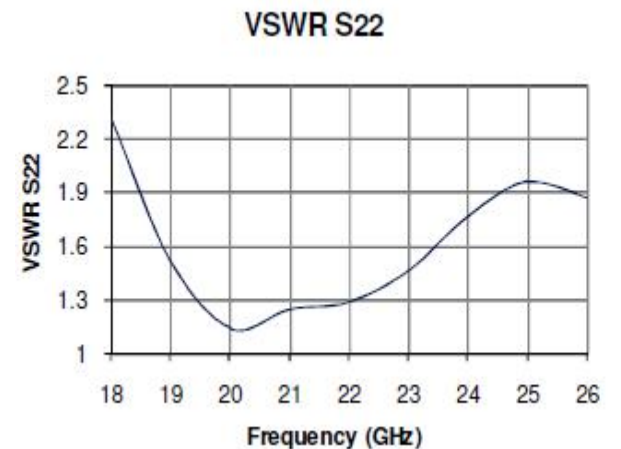
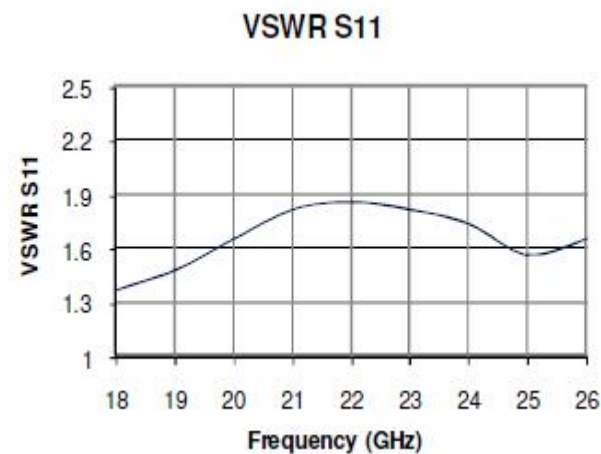
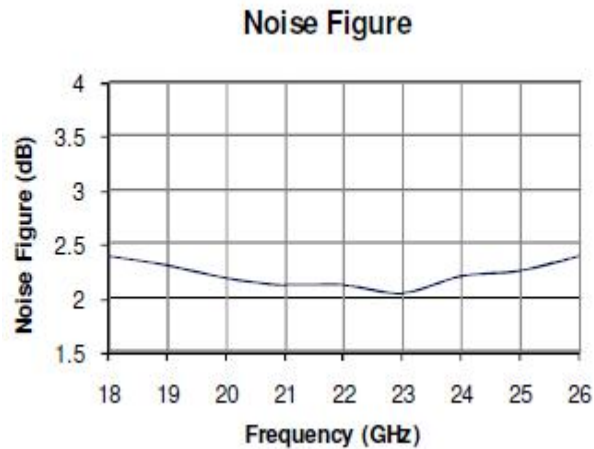
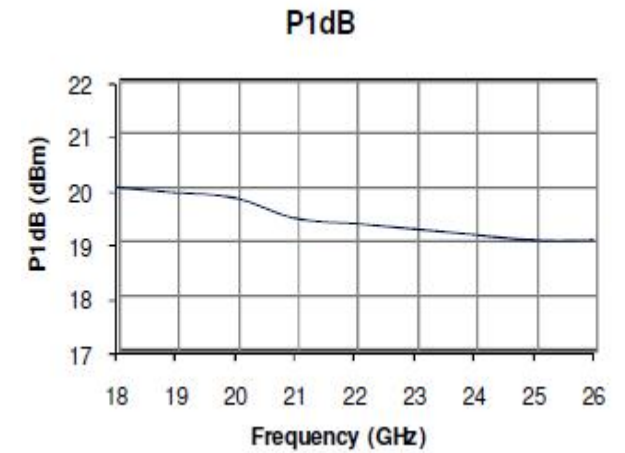
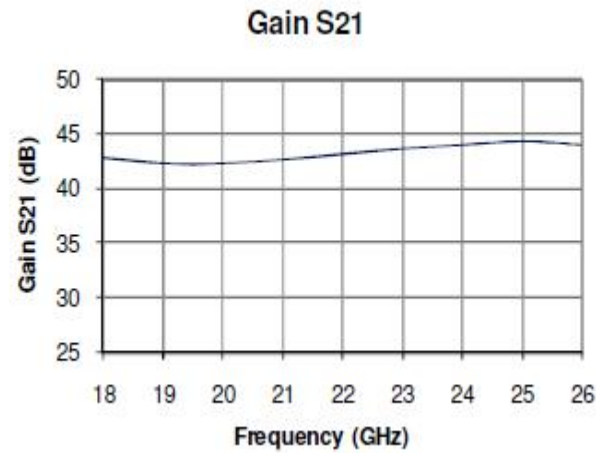
Temperature:	-40°C to +75 °C Operating -55 °C to +125 °C Non-Operating
Vibration:	MIL-STD-202F, Method 204D Cond. B
Altitude:	MIL-STD-202F, Method 105C Cond. B
Temperature Cycle:	MIL-STD-202F, Method 107D Cond. A

Mechanical Outline(Inches):



Low Noise Amplifier CLN-18G26G-4324-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 14/05/15	SHEET : 1 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Typical Performance Data:



Note: Test data taken with case temperature of +23 °C

Environmental Ratings:

Temperature: -40°C to +75 °C Operating
 -55 °C to +125 °C Non-Operating

Vibration: MIL-STD-202F, Method 204D Cond. B

Altitude: MIL-STD-202F, Method 105C Cond. B

Temperature Cycle: MIL-STD-202F, Method 107D Cond. A

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DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 14/05/15	SHEET : 2 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.