

CLN-2G26.5G-2830-S is a Low Noise Amplifier providing a gain of 28 dB with a noise figure of 3.0 dB. The compact size and modularity makes it ideal for a wide range of applications.

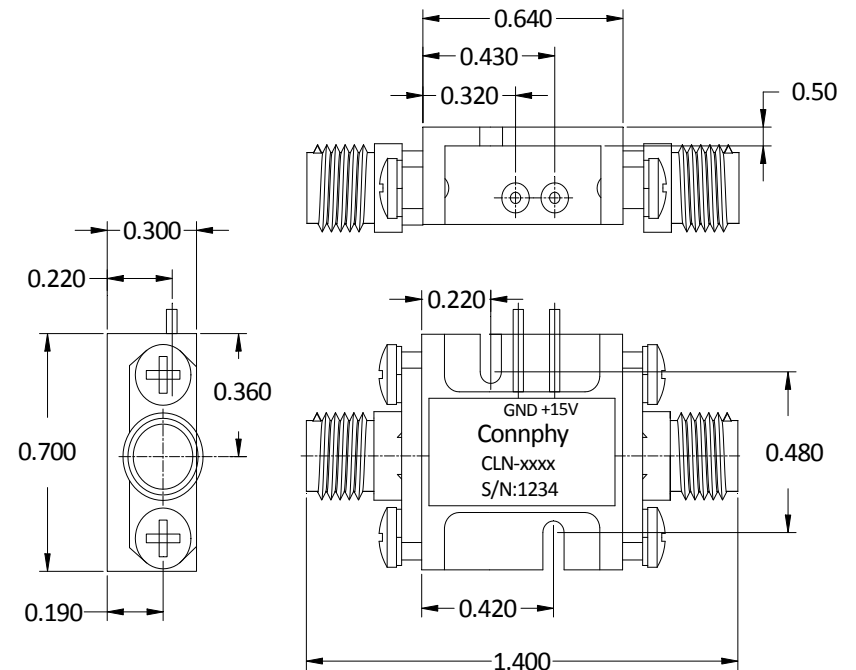
Features:

- Frequency Range: 2.0-26.5 GHz
- Gain: 28 dB min.
- Noise Figure: 3.0 dB max.
- Solder filtered pins for DC connection
- Low VSWR, unconditional stable

Specifications:


Frequency:	2.0-26.5 GHz
Gain:	28 dB Min.
Gain Flatness:	±2.2 dB Max.
Noise Figure:	3.0 dB Max.
Output P1dB:	10 dBm Min.
VSWR Input:	2.5:1 Max.
VSWR Output:	2.5:1 Max.
DC Voltage:	+15 V Typ.
DC Supply Current:	219 mA Max.
RF Connector:	SMA Female

Mechanical Outline(Inches):



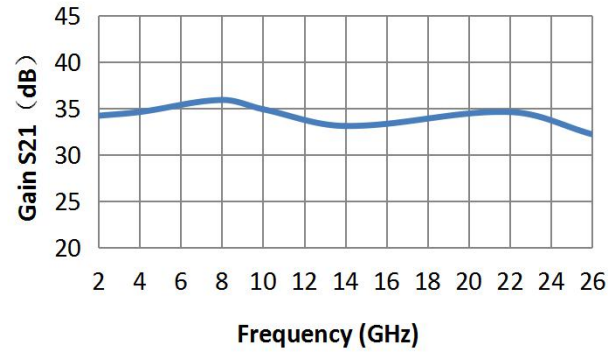
Environmental Ratings:

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

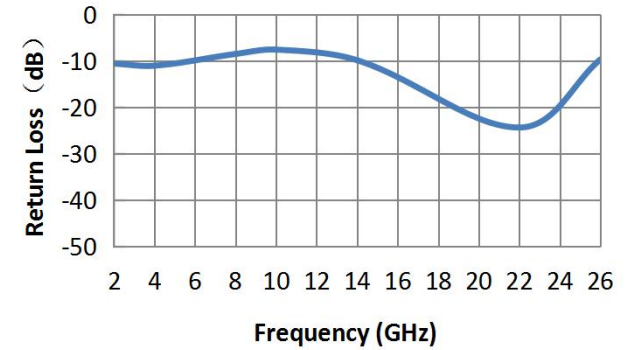
Low Noise Amplifier CLN-2G26.5G-2830-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 14/05/15	SHEET : 1 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Typical Performance Data:

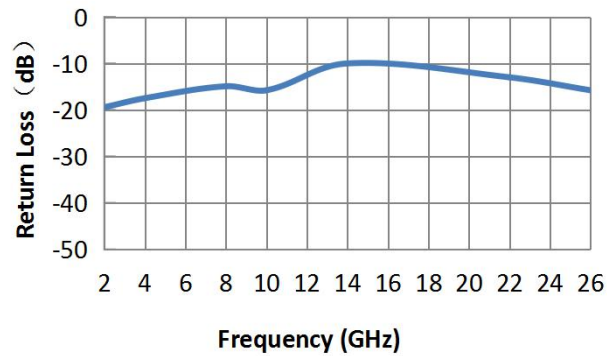
S21



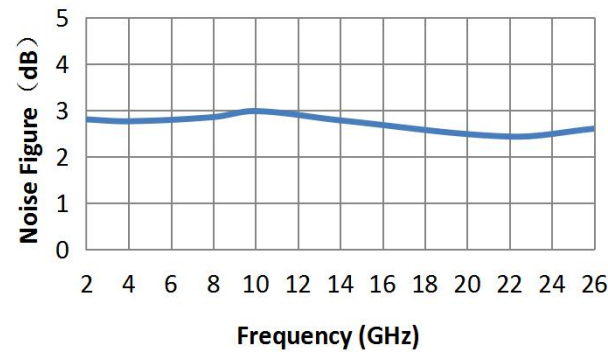
S11



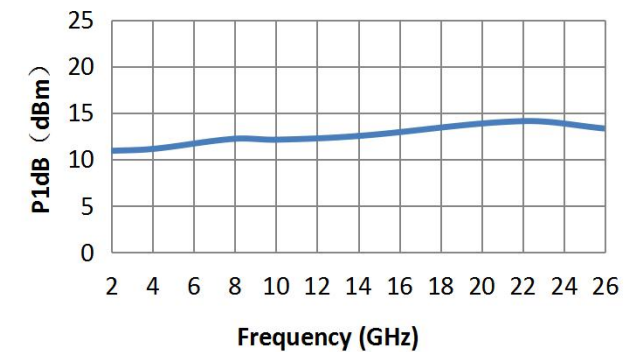
S22



Noise Figure



Output P1dB




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

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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.