

Analog Level Detector

Wideband: Low VSWR

Model LNJ9901

20 to 2000 MHz

Features

- Wideband: Low VSWR
- Small Size
- Operating Temp. -40°C to +85°C
- Environmental Screening Available

Specifications

CHARACTERISTIC		TYPICAL Ta = 25 °C	MIN/MAX Ta = -40 °C to +85 °C
Frequency		20 - 2000 MHz	20 - 2000 MHz
VSWR (P _{IN} = 0 dBm)		1.25:1	1.8:1 Max.
Sensitivity (P _{IN} = 0 dBm)		± 1.0	± 0.8 Min.
Power	Vdc	+15	+15
	mA	6	8 Max.
	Vdc	-15	-15
	mA	6	8 Max.

Note: Care should always be taken to effectively ground the case of each unit.

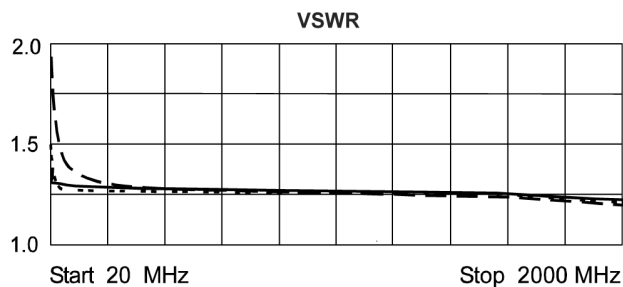
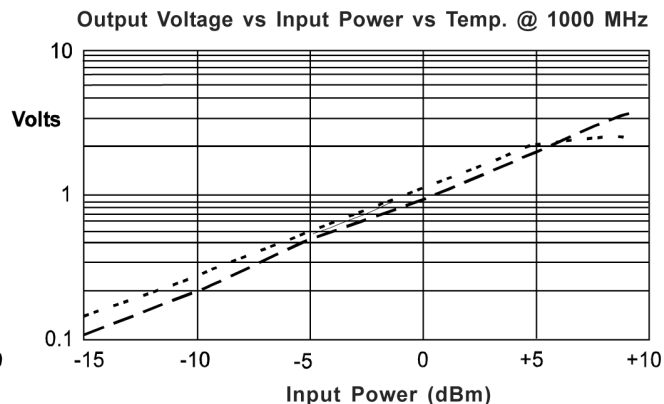
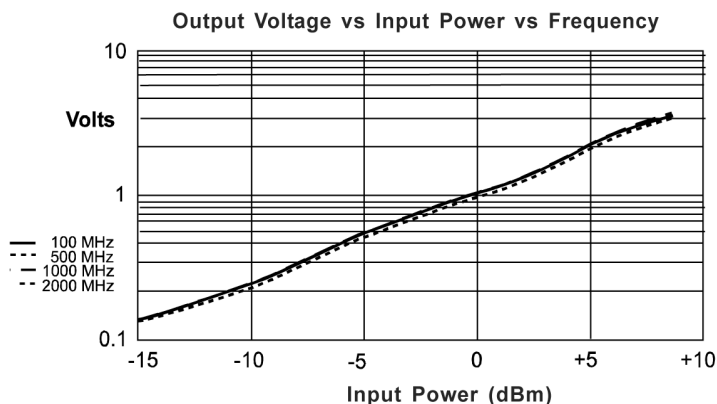
Maximum Ratings

Ambient Operating Temperature -55°C to + 125 °C
Storage Temperature -62°C to + 150 °C
Case Temperature + 125 °C
DC Voltage + 20 Volts
Continuous RF Input Power + 20 dBm

Packaging Options (see Appendix)

4 Pin, 0.25" Sq. Surface Mount (SM12)

Typical Performance Data



Legend ——— + 25 °C --- + 85 °C -40 °C

