

1230A/1231 GPS L-Band Distribution

Input Frequency 500 to 2000 MHz
High Quality RF Outputs
Low Noise
Isolation (>40dB typical)
Convenient Rack Mount Packaging



The **ptf 1230A(1U)/1231A(2U)** GPS L-Band RF Distribution amplifiers provide high performance GPS signal references for laboratory or systems use.

In most applications the low noise and signal gain capability of the units will provide users with a robust GPS signal source for lab or system requirements.

The **ptf 1230A/1231A** uses individually buffered output stages and insures maximum isolation between the individual outputs. The **ptf 1231A** offers 12 outputs. Options are available for a 2U/3.5" version (ptf 1230A) with 24 outputs.

Isolation from output to output is >-40 dB. The input also offers DCV for biasing an active antenna.

Specifications

Electrical

RF Input

Frequency Range	500 to 2000 MHz
Input Level (maximum)	-25 dBm
Load Impedance	50 ohm
Connectors (female)	TNC
GPS Antenna Bias	Selectable 3/5VDC

RF Output

1231A	12	outputs
Frequency Range		500 to 2000 MHz
Gain at each output		0 dB, +/- 6 dB
Load Impedance		50 ohm
Isolation	>40dB	
Connector (female)		TNC

Alarm Output

Alarm indicates antenna input short
Non-alarm condition: Relay energized

Controls & Indicators

Power	Green	LED
Alarm	Red	LED

Environmental/Physical

Temperature:	0° to 55° C
Power Requirements:	90 - 264VAC, <15W
DC Option	18 to 72 VDC
Dimensions (HxWxD):	1.75" x 19" x 16" 1U
	3.5" x 19" x 16" 2U
Relative Humidity :	0-95% (non-cond.)

Specifications subject to change without notice