

MODEL NUMBER:  
**PA26G**

**K Band  
Preamplifier**



### DESCRIPTION:

Model PA26G is a K band benchtop driver preamplifier with a frequency range of 18 GHz to 26.5 GHz. The power supply required is a single phase AC voltage in the range of 100 to 240 VAC, which can be supplied by a wall outlet. The input and output port configurations are both female 2.92 mm connectors.

### FEATURES:

- Ultra-Broadband Coverage
- Good Gain Flatness
- Bench Top Power Amplification
- Power Boosting

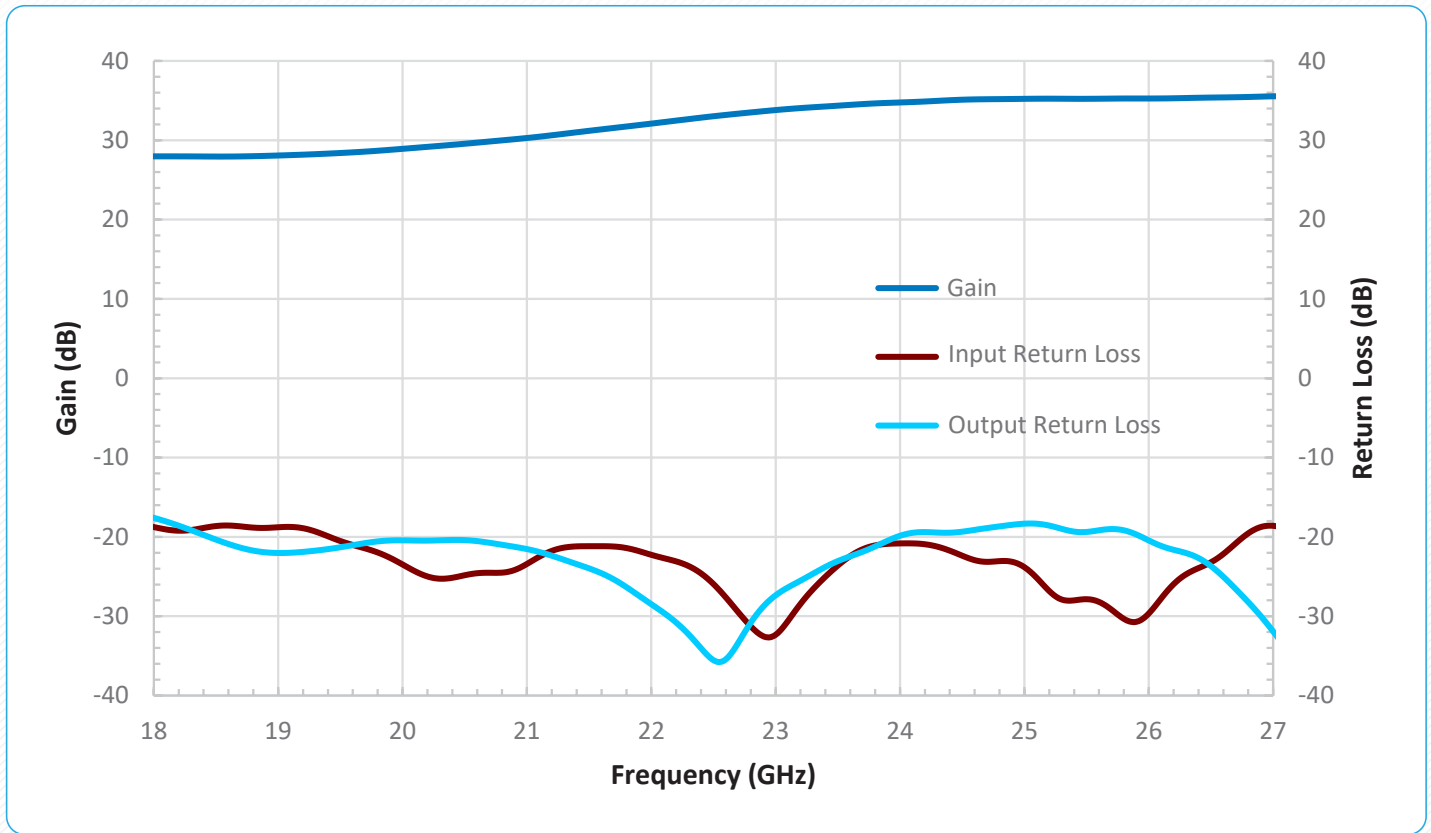
### ELECTRICAL SPECIFICATIONS

Frequency:	18 - 26.5 GHz
Gain:	30 dB
P1db:	+30 dBm
Psat:	+32 dBm
Noise Figure:	6.0 dB
RF Input Damage Level:	+20 dBm
Input/Output Return Loss:	10 dB
Power Supply (AC Adapter Provided):	100 VAC min to 240 VAC max
Weight:	3 lbs

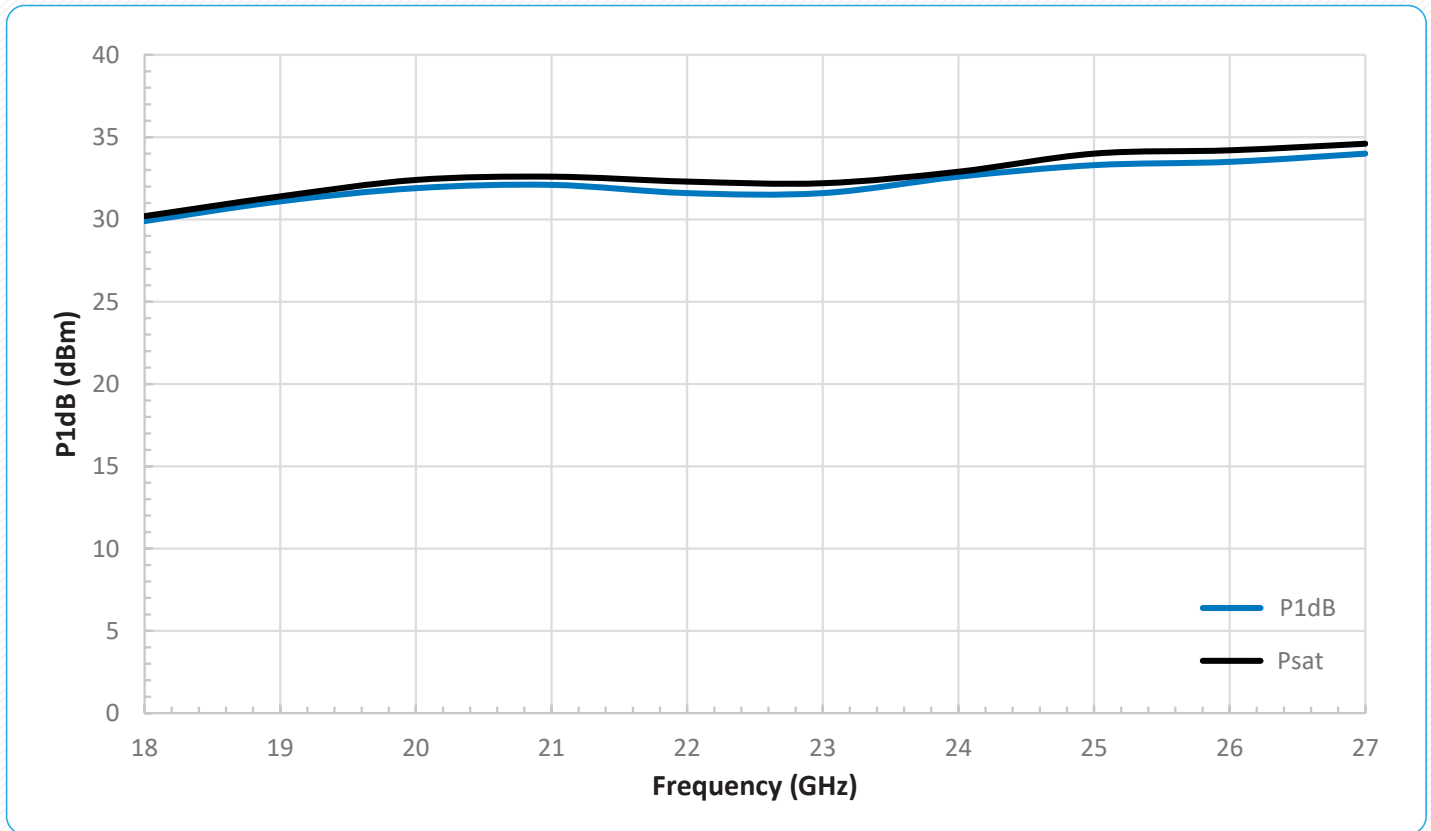
### MECHANICAL SPECIFICATIONS:

Input/Output Connector Type:	2.92 mm (F)
AC to DC power converter:	2.5 mm DC Jack (power converter included)
Size:	4.89" (W) x 5.00" (L) x 1.90" (H)

### TYPICAL PERFORMANCE VS. FREQUENCY



### TYPICAL OUTPUT POWER VS. FREQUENCY



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