

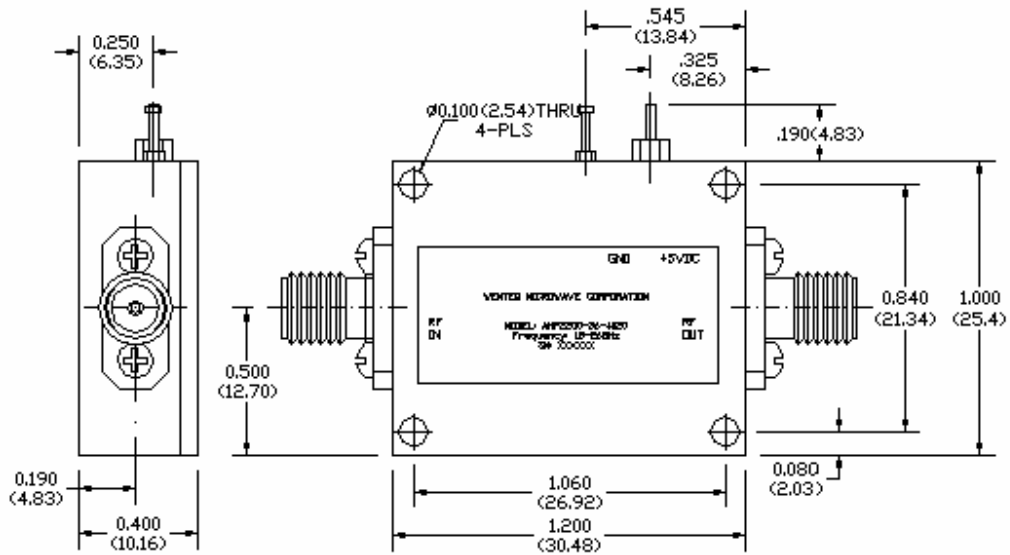
**Features:**

- high gain medium power output
- Low VSWR, unconditional stable
- Single DC power supply, Built in DC block and voltage regulator
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+75°C, storage temperature -55~+125°C

**Electrical Specifications**

Parameters	Specifications		
	Minimum	Typical	Maximum
Frequency Range, MHz	14.7		15.3
Small Signal Gain, dB @25°C	26	28	30
Gain flatness, dB		±0.25	±0.50
Gain Variation over temperature		±1.25	±1.75
P-1dB Compression Point, dBm	28.0	29.0	
Output IP3, dBm	35.0	37.0	
Input VSWR		1.7:1	2.0:1
Output VSWR		1.7:1	2.0:1
Spurious			-60 dBc
Operating Temperature	-40°C		+75°C
Survival Temperature	-55°C		+125°C
DC Supply Voltage, V	+8.5	+9.0	+9.5
DC Supply Current, mA	400	450	650
In/Out connectors	50 ohm female K-connector		
Size	1.2"x1.0"x0.4"		

**Mechanical Structure:**



Note: All units in inches (mm).

### Absolute Maximum Ratings

DC Voltage	+10V
RF Input Power	+15 dBm
Storage Temperature	-55~+125°C
Operating Temperature	-40~+75°C