

Physical Properties

- Material: Plastic Extrusion-ABS
- Dimensions: 10.03x7.25x4.10
- Input Port: 2.4mmF Coaxial
- Bias: AC Supply
- Output Port: 2.4mmF Coaxial



SN: 7DWYG7

*Picture shown is indicative only.⁵

Electrical Specifications @ 25°C		Test Data			
Parameters	Specifications	Min.	Typ.	Max.	Unit
Frequency	24 to 50	24	-	50	GHz
Noise Figure	5 typ.	-	4.5	-	dB
Gain	40 to 45 typ.	47.1	49	52.1	dB
P1dB	+30 to +32 typ.	+27.7	+31.1	+33.4	dBm
Psat	+31 typ.	+28.1	+31.6	+33.9	dBm
VSWR	2.0:1 typ.	-	2.0	-	:1
Supply Voltage ^{1, 3}	110V AC Supply				Vac

1. Ensure proper 50 Ohm load before turning the amplifier "ON".

2. All data taken @ +25°C unless otherwise specified.

3. SN or PN may differ from actual unit. Please refer to outline on page 3 for more details.

Absolute Maximum Ratings	
Parameter	Ratings
Operating Temperature	+20°C to +40°C
Storage Temperature	+20°C to +100°C
Input Power (CW)	0dBm

*Permanent damage may occur if any of these are exceeded.

Biasing Up Procedure	
Step 2	Apply AC Supply Voltage
Step 3	Turn ON RF input
Power Down Procedure	
Step 1	Turn OFF RF input
Step 2	Turn OFF AC Supply Voltage

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