





**Key Specifications at 23°C**

Parameter	Value			Unit	Note
	Min.	Typ.	Max.		
Frequency	4.40		5.00	GHz	Customizable
Gain	43	45	47	dB	Customizable
Gain Flatness	-	±0.5	±0.8	dB	Customizable
In/Out VSWR	-	1.40	1.40	-	Customizable
Output P1dB	+20	+22	-	dBm	Customizable
DC Power	+11	+12	+16	V@mA	@175 mA
Noise Figure	-	0.6	1.2	dB	Lower NF available

**Absolute Maximum Ratings**

Parameter	Min.	Max.	Unit	Note
Operating Temperature (Case)	-54	+85	°C	95% humidity, non-condensing
Storage Temperature (Case)	-54	+115	°C	95% humidity, non-condensing
RF Input Power	-	16	dBm	CW
Die Junction Temp (Tj)	-	+150	°C	For GaAs devices
Positive Supply Voltage		+16	V	At +V DC Pin
Negative Voltage	-	-10	V	Reverse Voltage

**Typical Measured Data**

