

Amplifier Specification HD27407

Parameter	Units	Specification	Comments
Frequency Range	ghz	1.0-18.0	
Power Gain	db	26 min.	
Gain Flatness (+/-)	db	+/- 2.5 max	
Noise Figure over 2-18GHz	db	3.8 max	3.5 typ
Noise Figure over 1-2GHz	db	4.2 max	3.8 typ
Output Power (P1db)	dbm	10.0	
3 rd Order IP	dBm	+20	
VSWR	:1	2.0 max	
Input Power Handling	dBm	+20 typ	
Supply Voltage	Volts	+12 to +15	
Current	ma	200 nom	
Operating Temperature	deg °C	-45 to +85	
Connector Type	In	SMA-F	
	Out	SMA-F	
Size			See drawing for HD27405

Max input power without damage: +15 dBmCW