



Amplifier Specification

Customer: HD Communications

Quote#: QV17012

Contact: Allison Hoffman

Date: 7/13/2019

Customer Doc#: 7/12/19 email

Aldetec P/N: ALS00714

Rev A

Parameter		Units	Specs	Comments	
Frequency Range:		GHz	1 - 18		
Small Signal Gain:		dB	50		
Gain Flatness:		dB	+/- 2.5		
Noise Figure:		dB	3.5		
Output Power (P1dB)		dBm	+8		
VSWR	Input	Ratio :1	2.2:1		
	Output	Ratio :1	2.2:1		
Input Power Handling		dBm	+17	CW	
Supply Voltage		Volts	12		
Current		mA	340		
Operating Temperature		deg C	-20 to +70C	Note 1	
Case Type			L5		
Connector Type		In	SMA-F	Out	SMA-F

Notes

1) Specifications guaranteed at +25°C only.

Military Spec. - In Accordance

Mil-STD-883F Hybrid Microcircuit design, testing, and screening

Inspection System: Mil-I-45208A

Finish And Labeling:

Mil-Spec Paint - Aldetec Green, Label to include Aldetec P/N, Customer P/N

Serial Number, Date Code, Input/Output and Supply Voltage.

Final Acceptance Testing

All units to be provided with Standard Aldetec Acceptance Data: Gain, Noise figure, Power, VSWR In/Out , and Current at +25 deg C.

*Certificate of Compliance provided.

