

PRODUCTION PRODUCTS – AVAILABLE NOW**W-band Products****Low Noise Amplifiers**

Part	Description	Frequency (GHz)	Gain (dB)	NF (dB)	P1dB (dBm)
ALH495 (-LN)	HEMT Low Noise Amplifier	80 to 100	18	4.3	3
ALH495 (-GB)	HEMT Gain Block Amplifier	80 to 100	18	4.8	3
ALH497 (-LN)	HEMT Low Noise Amplifier	80 to 100	17	4.2	0
ALH497 (-GB)	HEMT Gain Block Amplifier	80 to 100	17	4.9	0
ALH503 (-LN)	HEMT Low Noise Amplifier	80 to 100	16	4.2	0
ALH503 (-GB)	HEMT Gain Block Amplifier	80 to 100	16	4.9	0
ALH504 (-LN)	HEMT Low Noise Amplifier	82 to 102	18	4.1	3
ALH504 (-GB)	HEMT Gain Block Amplifier	82 to 102	18	4.8	3

Power Amplifiers

Part	Description	Frequency (GHz)	Gain (dB)	Output Power (dBm) P1dB Sat
APH482	HEMT High Power Amplifier	93 to 95	7.5	23 25
APH631	HEMT Power Amplifier	92 to 96	23	15 18
APH635	HEMT Power Amplifier	92 to 96	14	TBD 22

Mixers

Part	Description	RF Freq (GHz)	LO Freq (GHz)	IF Freq (GHz)	CL (dB)
MBH100	HEMT Schottky Diode Mixer	91 to 99	91 to 99	dc to 3	11.5

Multipliers and Switches

Part	Description	Freq Out (GHz)	Freq In (GHz)	RF Input (dBm)	CG/CL/IL (dB)
SDH148	HEMT SPDT Switch	80 to 100	N/A	NA	<3/IL
XDH150	HEMT X2 Multiplier	92 to 96	46 to 48	-5	5/CG

Please check our web site for latest version of our datasheets, product status and availability.