

## Low Noise Hybrid Amplifiers (continued)

Part Number	Min Freq (MHz)	Max Freq (MHz)	Gain (dB)	Noise Figure (mA)	OIP3 (dBm)	Package
SMA66-3	10	1000	26	3	13	SMT
A45-1	1000	4000	17.5	4	26	TO-8
SMA4012	1000	4000	18	3.5	26	SMT
A4012	1000	4000	18	3.5	26	TO-8
A4011	1000	4000	15.5	2	29	TO-8
SMA45-1	1000	4000	17.5	4	26	SMT
A45	1000	4000	17.5	4	29	TO-8
SMA4011	1000	4000	15.5	2	29	SMT
A61	2000	6000	7.5	3.2	25	TO-8
A6011	2000	6000	14.8	1.5	30	TO-8
SMA61	C2000	6000	7.5	3.2	25	SMT
CA6011	2000	6000	14.8	1.5	30	Connectorized-SMA
SMA6011	1500	6000	14.8	1.5	30	SMT0-8

## Mixers

Part Number	Min Freq RF/RO (MHz)	Max Freq RF/RO (MHz)	Min Freq IF (MHz)	Max Freq (MHz)	Package
M6D-50	0.05	200	0	200	Relay Header
MAC-50-PIN	0.2	200	0	200	TO-5
MDS-222-PIN	0.2	200	0.2	200	SF-1
SM6D	0.05	200	0	200	SMT
M6E-50	5	500	0	500	Relay Header
M9BC	0.5	500	0	500	Relay Header
MAC-51-PIN	5	500	0	500	TO-5
MD-108-PIN	5	500	0	500	RH-3
MD-161-PIN	1	500	0	500	FP-2
MDS-223-PIN	10	500	10	500	SF-1
SM6V	0.4	500	0	500	SMT
M1H	180	620	0	200	SMA
M6EH	5	750	0	500	Relay Header
SM6EH	5	750	0	500	SMT
M2E	10	1000	0	600	TO-8
M2EC	10	1000	0	600	SMA
SM2E	10	1000	0	600	SMT
M2AC	10	1500	0	800	SMA
M4A	10	1500	0	1000	Flatpack-SMT
M9H	10	1500	0	600	TO-8
M9HC	10	1500	0	600	SMA
MD-148-PIN	10	1500	10	1500	FP-2
MD-149-PIN	10	1500	10	1500	FP-2
MD-149-PINN	102	1500	102	1500	FPO2
MD-160-PIN	1	1500	1	1000	RH-3
MDS-148-PIN	10	1500	10	1500	SF-1
MDS-149-PIN	10	1500	10	1500	SF-1
MDS-158-PIN	5	1500	—	—	SF-1
SM4A	10	1500	0	1000	SMT
SM4B	10	1500	0	1000	SMT
M2B	10	1600	0	800	TO-8
M2BC	10	1600	0	800	SMA
M2TC	10	2400	1	1000	SMA
SM4G	800	2400	0	1500	SMT

## Mixers (continued)

Part Number	Min Freq RF/RO (MHz)	Max Freq RF/RO (MHz)	Min Freq IF (MHz)	Max Freq (MHz)	Package
MD-123-PIN	10	3000	10	3000	FP-2
M4TH	1	3400	1	2000	Flatpack-SMT
M8T	1	3400	1	2000	TO-8
M8TC	1	3400	1	2000	SMA
M8TH	1	3400	1	2000	TO-8
M8THC	1	3400	1	2000	SMA
SM4T	1	3400	1	2000	SMT
SM4T17	1	3400	1	2000	SMT
SM4TH	1	3400	1	2000	SMT
M2G	800	3500	0	1500	TO-8
M2GC	800	3500	0	1500	SMA
MD-169-PIN	1	3500	1	3500	FP-2
MD-189-PIN	1	3500	1	3500	FP-2
MDC-169-SMA	1	3500	1	3500	C-7
MDS-169-PIN	1	3500	5	1500	SF-1
MDS-189-PIN	1	3500	1	3500	SF-1
MD-179-PIN	1	4000	5	1500	FP-2
MDC-179-SMA	1	4000	5	1500	C-7
M8H-3	3700	4200	0	2000	TO-8
SM5T	50	5000	50	3000	SMT
SM5T17	50	5000	50	3000	SMT
SM5TH	50	5000	50	3000	SMT
M63C	2500	5500	0	1500	SMA
MZ6310C	250	5500	0	1500	SMA
M8H-7	2400	6000	0	2000	TO-8
M8HC-7	2400	6000	0	2000	SMA
MDC-162-SMA	1000	7000	10	2000	C-2
MY63	2500	7000	0	15000	Versapac
MY63C	2500	7000	0	15000	SMA
M63H	2500	7500	0	1500	Minpac
M63HC	2500	7500	0	1500	SMA
MY63H	2500	7500	0	1500	Versapac
MY63HC	2500	7500	0	1500	SMA
M76H	4500	8500	0	2000	Minpac
M76HC	4500	8500	0	2000	SMA
MY76H	4500	8500	0	2000	Versapac
MY76HC	4500	8500	0	2000	SMA
M76	4500	9500	0	2000	Minpac
M76C	4500	9500	0	2000	SMA
MY76	4500	9500	0	2000	Versapac
MY76C	4500	9500	0	2000	SMA
MY84	1800	10000	0	1000	Versapac
MY84C	1800	10000	0	1000	SMA
M77C	8000	12500	0	2500	SMA
MY77	8000	12500	0	2500	Versapac
M14A	6000	14000	0	2000	SMA
MY77C	8000	12500	0	2500	SMA
M67C	9000	15000	0	2500	SMA
M50A	2000	18000	2000	18000	Minpac
M50AC	2000	18000	2000	18000	SMA
M74	7000	18000	0	3000	Minpac
M74C	7000	18000	0	3000	SMA

## Mixers (continued)

Part Number	Min Freq RF/RO (MHz)	Max Freq RF/RO (MHz)	Min Freq IF (MHz)	Max Freq (MHz)	Package
M8H-3	3700	4200	0	2000	TO-8
SM5T	50	5000	50	3000	SMT
SM5T17	50	5000	50	3000	SMT
SM5TH	50	5000	50	3000	SMT
M63C	2500	5500	0	1500	SMA
MZ6310C	250	5500	0	1500	SMA
M8H-7	2400	6000	0	2000	TO-8
M8HC-7	2400	6000	0	2000	SMA
MDC-162-SMA	1000	7000	10	2000	C-2
MY63	2500	7000	0	15000	Versapac
MY63C	2500	7000	0	15000	SMA
M63H	2500	7500	0	1500	Minpac
M63HC	2500	7500	0	1500	SMA
MY63H	2500	7500	0	1500	Versapac
MY63HC	2500	7500	0	1500	SMA
M76H	4500	8500	0	2000	Minpac
M76HC	4500	8500	0	2000	SMA
MY76H	4500	8500	0	2000	Versapac
MY76HC	4500	8500	0	2000	SMA
M76	4500	9500	0	2000	Minpac
M76C	4500	9500	0	2000	SMA
MY76	4500	9500	0	2000	Versapac
MY76C	4500	9500	0	2000	SMA
MY84	1800	10000	0	1000	Versapac
MY84C	1800	10000	0	1000	SMA
M77C	8000	12500	0	2500	SMA
MY77	8000	12500	0	2500	Versapac
M14A	6000	14000	0	2000	SMA
MY77C	8000	12500	0	2500	SMA
M67C	9000	15000	0	2500	SMA
M50A	2000	18000	2000	18000	Minpac
M50AC	2000	18000	2000	18000	SMA
M74	7000	18000	0	3000	Minpac
M74C	7000	18000	0	3000	SMA
M79C	5000	18000	0	3000	SMA
M79H	5000	18000	0	3000	Minpac
M79HC	5000	18000	0	3000	SMA
M80C	4000	18000	0	3000	SMA
M83	1000	18000	30	5000	Minpac
M83C	1000	18000	30	5000	SMA
M85	2000	18000	0	1000	Minpac
M85C	2000	18000	0	1000	SMA
M86C	3500	18000	0	3000	SMA
M88C	2000	18000	1000	8000	SMA
M88H	2000	18000	2000	8000	Minpac
M88HC	2000	18000	2000	8000	SMA
M89C	1000	18000	1000	8000	SMA
M93C	2000	18000	30	4000	SMA
MY82	2000	18000	30	5000	Versapac
MY82C	2000	18000	30	5000	SMA
MY83H	2	18000	30	5000	Versapac
MY83HC	2	18000	30	5000	SMA

## Mixers (continued)

Part Number	Min Freq RF/RO (MHz)	Max Freq RF/RO (MHz)	Min Freq IF (MHz)	Max Freq (MHz)	Package
MY85	2000	18000	0	1000	Versapac
MY85C	2000	18000	0	1000	SMA
MY88	2000	18000	1000	8000	Versapac
MY88C	2000	18000	1000	8000	SMA
MY88HC	1000	18000	1000	8000	SMA
MY89	2000	18000	2000	8000	Versapac
MY89C	2000	18000	2000	8000	SMA
MY93	2000	18000	30	4000	Versapac
MY93C	2000	18000	30	4000	SMA
MZ7407	6000	18000	0	3000	Versapac
MZ7407C	6000	18000	0	3000	SMA
MZ7410	6000	18000	0	3000	Versapac
MZ7410C	6000	18000	0	3000	SMA
MZ7420	6000	18000	0	3000	Versapac
MZ7420C	6000	18000	0	3000	SMA
MZ8810C	2000	18000	1000	8000	SMA
MZ8813	2000	18000	1000	8000	Versapac
MZ9310	2000	18000	30	5000	Versapac
MZ9310C	2000	18000	30	5000	SMA
MZ9313	2000	18000	30	5000	Versapac
MZ9313C	2000	18000	30	5000	SMA
M87C	500	19000	30	5000	SMA
MY87	500	19000	30	5000	Versapac
MY87C	500	19000	30	5000	SMA
M51C	2000	24000	1000	15000	SMA
M52C	2000	24000	100	5000	SMA
MY51	2000	24000	1000	15000	Versapac
MY51C	2000	24000	1000	15000	SMA
MY52	2000	24000	100	5000	Versapac
MY52C	2000	24000	100	5000	SMA
M50C	2000	26000	1000	15000	SMA
M53C	2000	26000	100	6000	SMA
MY50	2000	26000	1000	15000	Versapac
MY50A	2000	26000	1000	12000	Versapac
MY50AC	2000	26000	1000	12000	SMA
MY50C	2000	26000	1000	15000	SMA
MZ5010	2000	26000	1	15000	Versapac
MZ5010C	2000	26000	1	15000	SMA

## Switches: SPDT

Part Number	Min Freq (MHz)	Max Freq (MHz)	Insertion Loss (dB)	Isolation (dB)	Input IP3 (dBm)	Package
SW-313-PIN	50	3000	0.8	52	46	CR-2
SW-226-PIN	0	4000	1	48	46	CR-2
SW-227-PIN	0	4000	1	50	46	CR-2
SW-228-PIN	0	4000	0.7	42	46	CR-2