

STANDARD SERIES LINE UP LIST

• 10kHz–230MHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4646 - 10K230M	+46	40 Watt/CW	480×350×88	MOS FET
ZSA4949 - 10K230M	+49	70 Watt/CW	480×400×132.5	MOS FET
ZSA5151 - 10K230M	+51	120 Watt/CW	480×600×132.5	MOS FET
ZSA5353 - 10K230M	+53	200 Watt/CW	480×600×221.5	MOS FET

• 10kHz–400MHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4444 - 10K400M	+44	25 Watt/CW	480×350×88	MOS FET
ZSA4848 - 10K400M	+48	60 Watt/CW	480×600×132.5	MOS FET

• 100kHz–400MHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4444 - 100K400M	+44	25 Watt/CW	480×350×88	MOS FET
ZSA4949 - 100K400M	+49	70 Watt/CW	480×600×132.5	MOS FET
ZSA5353 - 100K400M	+53	200 Watt/CW	480×650×221.5/132.5	MOS FET

• 1MHz–1GHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4040 - 1M1G	+40	10 Watt/CW	480×350×88	GaAs FET
ZSA4747 - 1M1G	+47	50 Watt/CW	480×500×132.5	GaAs FET
ZSA5050 - 1M1G	+50	100 Watt/CW	480×650×221.5	GaAs FET
ZSA5252 - 1M1G	+52	140 Watt/CW	480×650×221.5	GaAs FET

• 10MHz–1GHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4242 - 10M1G	+42	15 Watt/CW	480×350×88	GaAs FET

• 80MHz–1GHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4646 - 80M1G	+46	35 Watt/CW	480×350×88	GaAs FET
ZSA4848 - 80M1G	+48	55 Watt/CW	480×500×132.5	GaAs FET
ZSA5050 - 80M1G	+50	100 Watt/CW	480×500×177	GaAs FET
ZSA5353 - 80M1G	+53	180 Watt/CW	480×600×177/88	GaAs FET
ZSA5757 - 80M1G	+57	500 Watt/CW	480×700×177/221.5	LD-MOSFET
ZSA6060 - 80M1G	+60	1000 Watt/CW	19" System Rack/20U	LD-MOSFET

• 200MHz–1GHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4646 - 200M1G	+46	35 Watt/CW	480×350×88	GaAs FET
ZSA4848 - 200M1G	+48	60 Watt/CW	480×500×132.5	GaAs FET
ZSA5151 - 200M1G	+51	110 Watt/CW	480×500×177	GaAs FET
ZSA5353 - 200M1G	+53	200 Watt/CW	480×600×177/88	GaAs FET

• 800MHz–2GHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4343 - 800M2G	+43	20 Watt/CW	480×350×88	GaAs FET
ZSA4646 - 800M2G	+46	35 Watt/CW	480×450×132.5	GaAs FET
ZSA4848 - 800M2G	+48	60 Watt/CW	480×450×132.5	GaAs FET
ZSA5050 - 800M2G	+50	90 Watt/CW	480×500×132.5	GaN-HEMT
ZSA5252 - 800M2G	+52	140 Watt/CW	480×500×132.5	GaN-HEMT
ZSA5454 - 800M2G	+54	220 Watt/CW	480×600×177	GaN-HEMT

• 1GHz–2GHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4444 - 1G2G	+44	25 Watt/CW	480×350×88	GaAs FET
ZSA4747 - 1G2G	+47	45 Watt/CW	480×450×132.5	GaAs FET
ZSA4949 - 1G2G	+49	80 Watt/CW	480×450×132.5	GaAs FET
ZSA5050 - 1G2G	+50	100 Watt/CW	480×500×132.5	GaN-HEMT
ZSA5252 - 1G2G	+52	150 Watt/CW	480×500×132.5	GaN-HEMT
ZSA5454 - 1G2G	+54	250 Watt/CW	480×600×177	GaN-HEMT

• 1GHz–3GHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4343 - 1G3G	+43	20 Watt/CW	480×350×88	GaN-HEMT
ZSA4545 - 1G3G	+45	30 Watt/CW	480×350×88	GaN-HEMT
ZSA4747 - 1G3G	+47	50 Watt/CW	480×500×132.5	GaN-HEMT
ZSA4949 - 1G3G	+49	80 Watt/CW	480×500×132.5	GaN-HEMT
ZSA5151 - 1G3G	+51	120 Watt/CW	480×600×177	GaN-HEMT
ZSA5353 - 1G3G	+53	200 Watt/CW	480×600×266/132.5	GaN-HEMT

• 700MHz–3100MHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4242 - 700M3100M	+42	15 Watt/CW	480×350×88	GaN-HEMT
ZSA4444 - 700M3100M	+44	25 Watt/CW	480×350×88	GaN-HEMT
ZSA4646 - 700M3100M	+46	40 Watt/CW	480×500×132.5	GaN-HEMT
ZSA4848 - 700M3100M	+48	60 Watt/CW	480×500×132.5	GaN-HEMT

• 2GHz–4GHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4343 - 2G4G	+43	20 Watt/CW	480×350×88	GaAs FET
ZSA4545 - 2G4G	+45	30 Watt/CW	480×450×132.5	GaAs FET
ZSA4747 - 2G4G	+47	50 Watt/CW	480×500×132.5	GaAs FET
ZSA5050 - 2G4G	+50	90 Watt/CW	480×600×177	GaAs FET
ZSA5252 - 2G4G	+52	150 Watt/CW	480×600×266/132.5	GaAs FET

• 800MHz–4200MHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4242 - 800M4200M	+42	15 Watt/CW	480×350×88	GaAs FET
ZSA4444 - 800M4200M	+44	25 Watt/CW	480×500×132.5	GaAs FET
ZSA4646 - 800M4200M	+46	40 Watt/CW	480×600×177	GaAs FET

• 2500MHz–6GHz

MODEL	GAIN(dB)	OUTPUT POWER@P1dB	SIZE(W×D×H/mm)	DEVICE
ZSA4242 - 2500M6G	+42	15 Watt/CW	480×350×88	GaN-HEMT
ZSA4444 - 2500M6G	+44	25 Watt/CW	480×450×132.5	GaN-HEMT
ZSA4646 - 2500M6G	+46	40 Watt/CW	480×500×132.5	GaN-HEMT