

Power Amplifiers

Overview of all models

9 kHz ... 40 GHz
1 mW ... 20 kW



BONN Elektronik

ENGINEERING EXCELLENCE FOR 30 YEARS

BSA Solid State

BTA Broadband Hybrid

BLMA Solid State

Cellular Bands Solid State

BLMA Solid State

TWAL Travelling Wave Tube

EMI Preamplifiers

BPA / TWAP Pulsed Amplifiers

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	kg
BSA 0110-100	9 kHz ... 100 MHz	100	50 / 52 ±2	20 / 20	400	4 HU, 550 mm	21
BSA 0110-175	9 kHz ... 100 MHz	175	52.4 / 55 ±2	20 / 20	800	4 HU, 550 mm	33
BSA 0110-350	9 kHz ... 100 MHz	350	55.4 / 58 ±2	20 / 20	1500	5 HU, 630 mm	46
BSA 0110-500	9 kHz ... 100 MHz	500	57 / 59 ±2	20 / 20	3000	9 HU, 630 mm	90
BSA 0110-1000	9 kHz ... 100 MHz	1000	60 / 62 ±2	20 / 20	6000	20 HU, 630 mm	190
BSA 0125-5	9 kHz ... 250 MHz	5	37 / 39 ±2	20 / 20	120	3 HU, 350 mm	11
BSA 0125-15	9 kHz ... 250 MHz	15	41.8 / 44 ±2	20 / 20	175	3 HU, 350 mm	12
BSA 0125-25	9 kHz ... 250 MHz	25	44 / 46 ±2	20 / 20	150	3 HU, 350 mm	13
BSA 0125-75	9 kHz ... 250 MHz	75	48.8 / 51 ±2	20 / 20	350	4 HU, 550 mm	21
BSA 0125-150	9 kHz ... 250 MHz	150	51.8 / 54 ±2	20 / 18	800	4 HU, 550 mm	33
BSA 0125-250	9 kHz ... 250 MHz	250	54 / 56 ±2	20 / 20	1500	5 HU, 630 mm	46
BSA 0125-400	9 kHz ... 250 MHz	400	56 / 58 ±2	20 / 18	3000	9 HU, 630 mm	90
BSA 0125-500	9 kHz ... 250 MHz	500	57 / 59 ±2	20 / 18	3500	13 HU, 630 mm	130
BSA 0140-5	9 kHz ... 400 MHz	5	37 / 39 ±2	20 / 20	100	3 HU, 350 mm	12
BSA 0140-10	9 kHz ... 400 MHz	10	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	12
BSA 0140-25	9 kHz ... 400 MHz	25	44 / 46 ±2	20 / 20	200	3 HU, 350 mm	13
BSA 0140-40	9 kHz ... 400 MHz	40	46 / 48 ±2	20 / 20	350	4 HU, 350 mm	24
BSA 0140-75	9 kHz ... 400 MHz	75	48.8 / 51 ±2	20 / 20	800	4 HU, 550 mm	32
BSA 0140-150	9 kHz ... 400 MHz	150	51.8 / 52 ±2	20 / 20	1600	5 HU, 630 mm	45
BSA 0150-5	9 kHz ... 500 MHz	5	37 / 39 ±2	20 / 20	100	3 HU, 350 mm	11
BSA 0150-10	9 kHz ... 500 MHz	10	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	12
BSA 0150-25	9 kHz ... 500 MHz	25	44 / 46 ±2	20 / 20	200	3 HU, 350 mm	13
BSA 0150-150D	9 kHz ... 500 MHz	150/150			1000	5 HU, 630 mm	44
	9 kHz ... 250 MHz	150	51.8 / 54 ±2	20 / 20			
	200 ... 500 MHz	150	51.8 / 54 ±2	20 / 20			
BSA 0101-5	9 kHz ... 1000 MHz	5	37 / 39 ±2	20 / 20	130	3 HU, 350 mm	11
BSA 0101-7.5	9 kHz ... 1000 MHz	7.5	38.8 / 41 ±2	20 / 20	150	3 HU, 350 mm	12
BSA 0101-10	9 kHz ... 1000 MHz	10	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	13
BSA 0101-25/20D	9 kHz ... 1000 MHz	25/20			180	3 HU, 550 mm	18
	9 kHz ... 250 MHz	25	44 / 46 ±2	20 / 20			
	200 ... 1000 MHz	20	43 / 45 ±2	20 / 20			
BSA 0101-25/30D	9 kHz ... 1000 MHz	25/30			180	3 HU, 550 mm	18
	9 kHz ... 250 MHz	25	44 / 46 ±2	20 / 20			
	200 ... 1000 MHz	30	44.8 / 47 ±2	20 / 20			
BSA 0101-75/60D	9 kHz ... 1000 MHz	75/60D			800	4 HU, 550 mm	33
	9 kHz ... 250 MHz	75	48.8 / 51 ±2	20 / 20			
	200 ... 1000 MHz	60	47.8 / 50 ±2	20 / 20			
BSA 0101-150/120D	9 kHz ... 1000 MHz	150/120D			1600	5 HU, 630 mm	46
	9 kHz ... 250 MHz	150	51.8 / 54 ±2	20 / 20			
	200 ... 1000 MHz	120	50.8 / 53 ±2	20 / 20			
BSA 1010-10	100 kHz ... 100 MHz	10	40 / 42 ±2	20 / 20	120	3 HU, 350 mm	11
BSA 1010-25	100 kHz ... 100 MHz	25	44 / 46 ±2	20 / 20	150	3 HU, 350 mm	12
BSA 1010-50	100 kHz ... 100 MHz	50	47 / 49 ±2	20 / 20	200	3 HU, 350 mm	13
BSA 1010-100	100 kHz ... 100 MHz	100	50 / 52 ±2	20 / 20	400	4 HU, 550 mm	21
BSA 1010-200	100 kHz ... 100 MHz	200	53 / 55 ±2	20 / 20	800	4 HU, 550 mm	33
BSA 1010-400	100 kHz ... 100 MHz	400	56 / 58 ±2	18 / 18	1500	6 HU, 630 mm	46
BSA 1010-1250	100 kHz ... 100 MHz	1250	61 / 63 ±2	20 / 20	6000	20 HU, 630 mm	190
BSA 1040-50	100 kHz ... 400 MHz	50	47 / 50 ±2	20 / 20	400	4 HU, 550 mm	20
BSA 1040-100	100 kHz ... 400 MHz	100	50 / 52 ±2	20 / 20	800	4 HU, 550 mm	30
BSA 1040-200	100 kHz ... 400 MHz	200	53 / 55 ±2	20 / 18	1500	5 HU, 630 mm	45
BSA 1515-25	150 kHz ... 150 MHz	25	44 / 46 ±1.5	20 / 20	200	3 HU, 350 mm	12

BSA Solid State

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	
BSA 1510-1	150 kHz ... 1000 MHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BSA 1510-5	150 kHz ... 1000 MHz	5	37 / 39 ±2	20 / 20	100	3 HU, 350 mm	11
BSA 1510-10	150 kHz ... 1000 MHz	10	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	12
BSA 1510-15	150 kHz ... 1000 MHz	15	41.8 / 44 ±2	20 / 20	180	3 HU, 350 mm	13
BSA 5010-1	500 kHz ... 1000 MHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BSA 5010-2	500 kHz ... 1000 MHz	2	33 / 35 ±2	20 / 20	75	3 HU, 350 mm	11
BSA 5010-5	500 kHz ... 1000 MHz	5	37 / 39 ±2	18 / 20	100	3 HU, 350 mm	11
BSA 5010-10	500 kHz ... 1000 MHz	10	40 / 42 ±2	15 / 20	150	3 HU, 350 mm	12

BTA Broadband Hybrid

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	kW	(H, D) 27"-System	
BTA 0110-5000	9 kHz ... 100 MHz	5000	67 / 70 ±3	12 / 18	75	2x37 HU, 800	900
BTA 0110-10000	9 kHz ... 100 MHz	10000	70 / 73 ±3	12 / 18	100	2x37 HU, 800	1100

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	kW	(H, D) 19"-System	
BTA 0122-250	9 kHz ... 220 MHz	250	54 / 57 ±3	12 / 20	2.5	8 HU, 700	75
BTA 0122-500	9 kHz ... 220 MHz	500	57 / 60 ±3	12 / 20	7	15 HU, 700	160
BTA 0122-1000	9 kHz ... 220 MHz	1000	60 / 63 ±3	12 / 18	12	15 HU, 700	200
BTA 0122-2000	9 kHz ... 220 MHz	2000	63 / 66 ±3	12 / 18	25	2x18 HU, 700	400

BLWA Solid State

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	
BLWA 0103-100	1 ... 30 MHz	100	50 / 52 ±2	20 / 12	500	4 HU, 550 mm	21
BLWA 0103-250	1 ... 30 MHz	250	54 / 56 ±2	20 / 12	1000	4 HU, 550 mm	22
BLWA 0103-500	1 ... 30 MHz	500	57 / 59 ±2	20 / 12	2500	4 HU, 630 mm	45
BLWA 0103-1000	1 ... 30 MHz	1000	60 / 62 ±2	20 / 12	4500	7 HU, 630 mm	80
BLWA 0103-2000	1 ... 30 MHz	2000	63 / 65 ±2	20 / 12	10000	15 HU, 630 mm	160
BLWA 0103-5000	1 ... 30 MHz	5000	67 / 69 ±2	20 / 12	25000	36 HU, 630 mm	500
BLWA 0103-10000	1 ... 30 MHz	10000	70 / 72 ±2	20 / 12	60000	2x36 HU, 630 mm	1000
BLWA 0150-2	1 ... 500 MHz	2	33 / 35 ±2	20 / 20	75	3 HU, 350 mm	11
BLWA 0150-5	1 ... 500 MHz	5	37 / 39 ±2	20 / 20	100	3 HU, 350 mm	11
BLWA 0150-10	1 ... 500 MHz	10	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	12
BLWA 0150-25	1 ... 500 MHz	25	44 / 46 ±2	20 / 20	180	3 HU, 350 mm	13
BLWA 0150-50	1 ... 500 MHz	50	47 / 49 ±2	20 / 20	600	4 HU, 550 mm	25
BLWA 0150-100	1 ... 500 MHz	100	50 / 52 ±2	20 / 20	1300	4 HU, 630 mm	30
BLWA 0110-1	1 ... 1000 MHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLWA 0110-3	1 ... 1000 MHz	3	34.8 / 37 ±2	20 / 20	100	3 HU, 350 mm	11
BLWA 0110-5	1 ... 1000 MHz	5	37 / 37 ±2	20 / 20	150	3 HU, 350 mm	12
BLWA 0110-10	1 ... 1000 MHz	10	40 / 42 ±2	20 / 20	200	3 HU, 350 mm	13
BLWA 0110-20	1 ... 1000 MHz	20	43 / 45 ±2	20 / 20	300	3 HU, 350 mm	13
BLWA 0110-30	1 ... 1000 MHz	30	44.8 / 47 ±2	20 / 20	600	4 HU, 550 mm	16
BLWA 0110-100	1 ... 1000 MHz	100	50 / 52 ±2	20 / 20	1400	4 HU, 630 mm	35
BLWA 0110-150	1 ... 1000 MHz	150	51.8 / 54 ±2	20 / 20	2500	6 HU, 630 mm	45

BLWA

Solid State

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	kg
BLWA 0210-100	20 ... 100 MHz	100	50 / 52 ±2	20 / 15	450	4 HU, 550 mm	20
BLWA 0210-200	20 ... 100 MHz	200	53 / 55 ±2	20 / 15	800	4 HU, 550 mm	30
BLWA 0210-500	20 ... 100 MHz	500	57 / 59 ±2	20 / 15	1800	4 HU, 630 mm	50
BLWA 0210-1000	20 ... 100 MHz	1000	60 / 62 ±2	20 / 15	5000	8 HU, 630 mm	100
BLWA 0210-1250	20 ... 100 MHz	1250	61 / 63 ±2	20 / 15	7500	8 HU, 630 mm	150
BLWA 0210-1800	20 ... 100 MHz	1800	62.5 / 65 ±2	20 / 15	12000	12 HU, 630 mm	200
BLWA 0210-2500	20 ... 100 MHz	2500	64 / 66 ±2	20 / 15	12000	12 HU, 630 mm	200
BLWA 0210-3000	20 ... 100 MHz	3000	64.8 / 67 ±2	20 / 15	20000	18 HU, 630 mm	300
BLWA 0210-4000	20 ... 100 MHz	4000	66 / 68 ±2	20 / 15	23000	24 HU, 630 mm	400
BLWA 0210-5000	20 ... 100 MHz	5000	67 / 69 ±2	20 / 15	30000	36 HU, 630 mm	500
BLWA 0210-10000	20 ... 100 MHz	10000	70 / 72 ±2	20 / 15	60000	2x36 HU, 630 mm	1000
BLWA 0250-15	20 ... 500 MHz	15	41.8 / 44 ±2	20 / 15	250	3 HU, 350 mm	12
BLWA 0250-35	20 ... 500 MHz	35	45.4 / 48 ±2	20 / 15	350	3 HU, 350 mm	15
BLWA 0250-60	20 ... 500 MHz	60	47.8 / 50 ±2	20 / 15	500	4 HU, 550 mm	30
BLWA 0250-120	20 ... 500 MHz	120	50.8 / 53 ±2	20 / 15	1000	4 HU, 550 mm	35
BLWA 0250-200	20 ... 500 MHz	200	53 / 55 ±2	20 / 15	1800	4 HU, 550 mm	45
BLWA 0250-500	20 ... 500 MHz	500	57 / 59 ±2	20 / 15	4000	8 HU, 630 mm	80
BLWA 0310-1	25 ... 1000 MHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLWA 0310-3	25 ... 1000 MHz	3	34.8 / 37 ±2	20 / 20	100	3 HU, 350 mm	11
BLWA 0310-5	25 ... 1000 MHz	5	37 / 39 ±2	20 / 20	150	3 HU, 350 mm	11
BLWA 0310-10	25 ... 1000 MHz	10	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	13
BLWA 0310-30	25 ... 1000 MHz	30	44.8 / 47 ±2	20 / 20	200	3 HU, 350 mm	13
BLWA 0310-50	25 ... 1000 MHz	50	47 / 49 ±2	20 / 20	400	4 HU, 550 mm	2
BLWA 0310-100	25 ... 1000 MHz	100	50 / 52 ±2	20 / 20	1000	4 HU, 550mm	28
BLWA 0310-150	25 ... 1000 MHz	150	51.8 / 54 ±2	20 / 20	1500	5 HU, 630mm	40
BLWA 0310-350/160/100D	25 ... 1000 MHz	350/160/100			1000	8 HU, 550 mm	60
	25 ... 100 MHz	350	55.4 / 58 ±2	20 / 15			
	100 ... 400 MHz	160	52 / 54 ±2	20 / 15			
	400 ... 1000 MHz	100	50 / 52 ±2	20 / 20			
BLWA 0840-150	80 ... 400 MHz	150	51.8 / 54 ±2	20 / 15	800	4 HU, 550 mm	30
BLWA 0840-250	80 ... 400 MHz	250	54 / 56 ±2	20 / 15	1800	4 HU, 550 mm	35
BLWA 0840-500	80 ... 400 MHz	500	57 / 59 ±2	20 / 15	3500	6 HU, 630 mm	55
BLWA 0840-750	80 ... 400 MHz	750	58.8 / 61 ±2	20 / 15	4500	8 HU, 630 mm	120
BLWA 0840-1000	80 ... 400 MHz	1000	60 / 62 ±2	20 / 15	8000	16 HU, 630 mm	180
BLWA 0840-1500	80 ... 400 MHz	1500	61.8 / 64 ±2	20 / 15	10000	19 HU, 630 mm	200
BLWA 0840-2000	80 ... 400 MHz	2000	63 / 65 ±2	20 / 15	17000	29 HU, 630 mm	300
BLWA 0840-2500	80 ... 400 MHz	2500	64 / 66 ±2	20 / 15	20000	41 HU, 630 mm	400
BLWA 0840-4000	80 ... 400 MHz	4000	66 / 68 ±2	20 / 15	35000	2x32 HU, 630 mm	600
BLWA 0840-5000	80 ... 400 MHz	5000	67 / 69 ±2	20 / 15	45000	2x32 HU, 630 mm	800
BLWA 0810-10	80 ... 1000 MHz	10	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	13
BLWA 0810-30	80 ... 1000 MHz	30	44.8 / 47 ±2	20 / 20	200	3 HU, 350 mm	13
BLWA 0810-50	80 ... 1000 MHz	50	47 / 49 ±2	20 / 20	400	4 HU, 550 mm	20
BLWA 0810-100	80 ... 1000 MHz	100	50 / 52 ±2	20 / 20	900	4 HU, 550 mm	2
BLWA 0810-160/100D	80 ... 1000 MHz	160/100			900	4 HU, 550 mm	32
	80 ... 400 MHz	160	52 / 54 ±2	20 / 15			
	400 ... 1000 MHz	100	50 / 52 ±2	20 / 20			
BLWA 0810-200	80 ... 1000 MHz	200	53 / 55 ±2	20 / 20	1500	5 HU, 630 mm	42
BLWA 0810-250/200D	80 ... 1000 MHz	250/200			1500	5 HU, 630 mm	42
	80 ... 400 MHz	250	54 / 56 ±2	20 / 15			
	400 ... 1000 MHz	200	53 / 55 ±2	20 / 20			
BLWA 0810-350	80 ... 1000 MHz	350	55.4 / 58 ±2	20 / 20	3000	9 HU, 630 mm	85
BLWA 0810-500/350D	80 ... 1000 MHz	500/350			4000	12 HU, 630 mm	110
	80 ... 400 MHz	500	57 / 59 ±2	20 / 15			
	400 ... 1000 MHz	350	55.4 / 58 ±2	20 / 20			

Model	Frequency Range	Output Power		Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W		min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	kg
BLWA 0810-500D	80 ... 1000 MHz	500				4000	12 HU, 630 mm	110
	80 ... 400 MHz	500		57 / 59 ±2	20 / 15			
	400 ... 1000 MHz	500		57 / 59 ±2	20 / 20			
BLWA 0810-650	80 ... 1000 MHz	650		58.1 / 61 ±2	20 / 20	7000	20 HU, 630 mm	250
BLWA 0810-750/500D	80 ... 1000 MHz	750/500				5000	15 HU, 630 mm	150
	80 ... 400 MHz	750		58.8 / 61 ±2	20 / 15			
	400 ... 1000 MHz	500		57 / 59 ±2	20 / 20			
BLWA 0810-750/700D	80 ... 1000 MHz	750/700				5000	15 HU, 630 mm	150
	80 ... 400 MHz	750		58.8 / 61 ±2	20 / 15			
	400 ... 1000 MHz	700		58.4 / 61 ±2	20 / 20			
BLWA 0810-1000/700D	80 ... 1000 MHz	1000/700				9000	15 HU, 630 mm	150
	80 ... 400 MHz	1000		60 / 62 ±2	20 / 15			
	400 ... 1000 MHz	700		58.4 / 61 ±2	20 / 20			
BLWA 0810-1000D	80 ... 1000 MHz	1000				9000	21 HU, 630 mm	220
	80 ... 400 MHz	1000		60 / 62 ±2	20 / 15			
	400 ... 1000 MHz	1000		60 / 62 ±2	20 / 20			
BLWA 0810-1500/1000D	80 ... 1000 MHz	1500/1000				11000	32 HU, 630 mm	400
	80 ... 400 MHz	1500		61.8 / 64 ±2	20 / 15			
	400 ... 1000 MHz	1000		60 / 62 ±2	20 / 20			
BLWA 0810-1500D	80 ... 1000 MHz	1500				11000	37 HU, 630 mm	450
	80 ... 400 MHz	1500		61.8 / 64 ±2	20 / 15			
	400 ... 1000 MHz	1500		61.8 / 64 ±2	20 / 20			
BLWA 0810-2000/1500D	80 ... 1000 MHz	2000/1500				18000	2x32 HU, 800 mm	600
	80 ... 400 MHz	2000		63 / 65 ±2	20 / 15			
	400 ... 1000 MHz	1500		61.8 / 64 ±2	20 / 20			
BLWA 0810-2000D	80 ... 1000 MHz	2000				18000	2x32 HU, 800 mm	600
	80 ... 400 MHz	2000		63 / 65 ±2	20 / 15			
	400 ... 1000 MHz	2000		63 / 65 ±2	20 / 20			
BLWA 0810-5000/3000D	80 ... 1000 MHz	5000/3000				45000	3x37 HU, 800 mm	1200
	80 ... 400 MHz	5000		67 / 69 ±2	20 / 15			
	400 ... 1000 MHz	3000		65 / 67 ±2	20 / 20			
BLWA 0820-160/100/30D	80 ... 2000 MHz	160/100/30				1000	5 HU, 630 mm	42
	80 ... 400 MHz	160		52 / 54 ±2	20 / 15			
	400 ... 1000 MHz	100		50 / 52 ±2	20 / 20			
	1 ... 2 GHz	30		44.8 / 47 ±2	20 / 20			
BLWA 0820-160/100/60D	80 ... 2000 MHz	160/100/60				1200	5 HU, 630 mm	45
	80 ... 400 MHz	160		52 / 54 ±2	20 / 15			
	400 ... 1000 MHz	100		50 / 52 ±2	20 / 20			
	1 ... 2 GHz	60		47.8 / 50 ±2	20 / 20			
BLWA 0825-160/100/30D	80 ... 2500 MHz	160/100/30				1000	5 HU, 630 mm	42
	80 ... 400 MHz	160		52 / 54 ±2	20 / 15			
	400 ... 1000 MHz	100		50 / 52 ±2	20 / 20			
	1 ... 2.5 GHz	30		44.8 / 47 ±2	20 / 20			
BLWA 0830-160/100/20D	80 ... 3000 MHz	160/100/20				1000	5 HU, 630 mm	42
	80 ... 400 MHz	160		52 / 54 ±2	20 / 15			
	400 ... 1000 MHz	100		50 / 52 ±2	20 / 20			
	1 ... 3 GHz	20		43 / 45 ±2	20 / 20			
BLWA 0840-250/100/60/30D	80 ... 4000 MHz	250/100/60/30				2000	6 HU, 630 mm	65
	80 ... 400 MHz	250		54 / 56 ±2	20 / 15			
	400 ... 1000 MHz	100		50 / 52 ±2	20 / 20			
	1 ... 2 GHz	60		47.8 / 50 ±2	20 / 20			
	2 ... 4 GHz	30		44.8 / 47 ±2	20 / 20			

BLWA**Solid State**

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	kg
BLWA 1050-150	100 ... 500 MHz	150	51.8 / 54 ±2	20 / 15	800	4 HU, 550 mm	25
BLWA 1050-250	100 ... 500 MHz	250	54 / 56 ±2	20 / 15	1800	4 HU, 550 mm	35
BLWA 1050-500	100 ... 500 MHz	500	57 / 59 ±2	20 / 15	3500	6 HU, 630 mm	55
BLWA 1050-750	100 ... 500 MHz	750	58.8 / 61 ±2	20 / 15	4500	8 HU, 630 mm	120
BLWA 1050-1000	100 ... 500 MHz	1000	60 / 62 ±2	20 / 15	8000	16 HU, 630 mm	180
BLWA 1050-1500	100 ... 500 MHz	1500	61.8 / 64 ±2	20 / 15	10000	21 HU, 630 mm	200
BLWA 1050-2000	100 ... 500 MHz	2000	63 / 65 ±2	20 / 15	17000	29 HU, 630 mm	300
BLWA 1050-2500	100 ... 500 MHz	2500	64 / 66 ±2	20 / 15	20000	41 HU, 630 mm	400
BLWA 1050-4000	100 ... 500 MHz	4000	66 / 68 ±2	20 / 15	35000	2x32 HU, 630 mm	600
BLWA 1050-5000	100 ... 500 MHz	5000	67 / 69 ±2	20 / 15	45000	2x32 HU, 630 mm	800
BLWA 2050-150	200 ... 500 MHz	150	51.8 / 54 ±2	20 / 20	700	4 HU, 550 mm	23
BLWA 2050-300	200 ... 500 MHz	300	54.8 / 57 ±2	20 / 20	1800	4 HU, 550 mm	35
BLWA 2050-500	200 ... 500 MHz	500	57 / 59 ±2	20 / 20	3500	6 HU, 630 mm	55
BLWA 2050-750	200 ... 500 MHz	750	58.8 / 61 ±2	20 / 20	4000	6 HU, 630 mm	80
BLWA 2050-1000	200 ... 500 MHz	1000	60 / 62 ±2	20 / 20	6000	8 HU, 630 mm	120
BLWA 2050-1500	200 ... 500 MHz	1500	61.8 / 64 ±2	20 / 20	8000	16 HU, 630 mm	180
BLWA 2050-2000	200 ... 500 MHz	2000	63 / 65 ±2	20 / 20	10000	19 HU, 630 mm	200
BLWA 2050-2500	200 ... 500 MHz	2500	64 / 66 ±2	20 / 20	17000	29 HU, 630 mm	300
BLWA 2050-3500	200 ... 500 MHz	3500	65.4 / 68 ±2	20 / 20	20000	41 HU, 630 mm	400
BLWA 2050-4500	200 ... 500 MHz	4500	65.5 / 68 ±2	20 / 20	35000	2x32 HU, 800 mm	600
BLWA 2050-6000	200 ... 500 MHz	6000	67.8 / 70 ±2	20 / 20	45000	2x32 HU, 800 mm	600
BLWA 2010-30	200 ... 1000 MHz	30	44.8 / 47 ±2	20 / 15	200	3 HU, 350 mm	13
BLWA 2010-60	200 ... 1000 MHz	60	47.8 / 50 ±2	20 / 15	350	4 HU, 550 mm	22
BLWA 2010-125	200 ... 1000 MHz	125	51 / 53 ±2	20 / 15	800	4 HU, 550 mm	28
BLWA 2010-250	200 ... 1000 MHz	250	54 / 56 ±2	20 / 15	1500	5 HU, 630 mm	40
BLWA 2010-400	200 ... 1000 MHz	400	56 / 58 ±2	20 / 15	3000	9 HU, 630 mm	80
BLWA 2010-500/350D	200 ... 1000 MHz	500/350			4000	12 HU, 630 mm	110
	200 ... 500 MHz	500	57 / 59 ±2	20 / 20			
	500 ... 1000 MHz	350	55.4 / 58 ±2	20 / 20			
BLWA 2010-500D	200 ... 1000 MHz	500			4000	12 HU, 630 mm	110
	80 ... 400 MHz	500	57 / 59 ±2	20 / 20			
	400 ... 1000 MHz	500	57 / 59 ±2	20 / 20			
BLWA 2010-750	200 ... 1000 MHz	750	58.8 / 61 ±2	20 / 15	7000	18 HU, 630 mm	165
BLWA 2010-750/500D	200 ... 1000 MHz	750/500			5000	12 HU, 630 mm	120
	80 ... 400 MHz	750	58.8 / 61 ±2	20 / 20			
	400 ... 1000 MHz	500	57 / 59 ±2	20 / 20			
BLWA 2010-750/700D	200 ... 1000 MHz	750/700			5000	12 HU, 630 mm	120
	80 ... 400 MHz	750	58.8 / 61 ±2	20 / 20			
	400 ... 1000 MHz	700	58.5 / 61 ±2	20 / 20			
BLWA 2010-1000/700D	200 ... 1000 MHz	1000/700			7500	15 HU, 630 mm	175
	200 ... 500 MHz	1000	60 / 62 ±2	20 / 20			
	500 ... 1000 MHz	700	58.5 / 61 ±2	20 / 20			
BLWA 2010-1000D	200 ... 1000 MHz	1000			7500	21 HU, 630 mm	230
	200 ... 500 MHz	1000	60 / 62 ±2	20 / 20			
	500 ... 1000 MHz	1000	60 / 62 ±2	20 / 20			
BLWA 2010-1500/1000D	200 ... 1000 MHz	1500/1000			10000	32 HU, 630 mm	400
	200 ... 500 MHz	1500	61.8 / 64 ±2	20 / 20			
	500 ... 1000 MHz	1000	60 / 62 ±2	20 / 20			
BLWA 2010-1500D	200 ... 1000 MHz	1500			10000	37 HU, 630 mm	450
	200 ... 500 MHz	1500	61.8 / 64 ±2	20 / 20			
	500 ... 1000 MHz	1500	61.8 / 64 ±2	20 / 20			
BLWA 2010-2000/1500D	200 ... 1000 MHz	2000/1500			11000	37 HU, 630 mm	450
	200 ... 500 MHz	2000	63 / 65 ±2	20 / 20			
	500 ... 1000 MHz	1500	61.8 / 64 ±2	20 / 20			
BLWA 2010-2000D	200 ... 1000 MHz	2000			11000	2x32 HU, 800 mm	600
	200 ... 500 MHz	2000	63 / 65 ±2	20 / 20			
	500 ... 1000 MHz	2000	63 / 65 ±2	20 / 20			

BLWA Solid State

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	
BLWA 4010-75	400 ... 1000 MHz	75	48.8 / 50 ±2	20 / 20	300	4 HU, 550 mm	22
BLWA 4010-100	400 ... 1000 MHz	100	50 / 52 ±2	20 / 20	500	4 HU, 550 mm	22
BLWA 4010-250	400 ... 1000 MHz	250	54 / 56 ±2	20 / 20	900	4 HU, 550 mm	32
BLWA 4010-350	400 ... 1000 MHz	350	55.4 / 58 ±2	20 / 20	1000	4 HU, 550 mm	32
BLWA 4010-500	400 ... 1000 MHz	500	57 / 59 ±2	20 / 20	1800	5 HU, 630 mm	45
BLWA 4010-700	400 ... 1000 MHz	700	58.5 / 61 ±2	20 / 20	3500	5 HU, 630 mm	45
BLWA 4010-850	400 ... 1000 MHz	850	59.3 / 62 ±2	20 / 20	6000	10 HU, 630 mm	100
BLWA 4010-1100	400 ... 1000 MHz	1100	60.4 / 63 ±2	20 / 20	6000	10 HU, 630 mm	100
BLWA 4010-1500	400 ... 1000 MHz	1500	61.8 / 64 ±2	20 / 20	12000	18 HU, 630 mm	250
BLWA 4010-2000	400 ... 1000 MHz	2000	63 / 65 ±2	20 / 20	12000	18 HU, 630 mm	250
BLWA 4010-3000	400 ... 1000 MHz	3000	64.8 / 67 ±2	20 / 20	22000	37 HU, 630 mm	450
BLWA 4010-4000	400 ... 1000 MHz	4000	66 / 68 ±2	20 / 20	34000	37 HU, 630 mm	450
BLWA 5010-75	500 ... 1000 MHz	75	48.8 / 50 ±2	20 / 20	300	4 HU, 550 mm	22
BLWA 5010-100	500 ... 1000 MHz	100	50 / 52 ±2	20 / 20	500	4 HU, 550 mm	22
BLWA 5010-250	500 ... 1000 MHz	250	54 / 56 ±2	20 / 20	900	4 HU, 550 mm	32
BLWA 5010-350	500 ... 1000 MHz	350	55.4 / 58 ±2	20 / 20	1000	4 HU, 550 mm	32
BLWA 5010-500	500 ... 1000 MHz	500	57 / 59 ±2	20 / 20	1800	5 HU, 630 mm	45
BLWA 5010-700	500 ... 1000 MHz	700	58.5 / 61 ±2	20 / 20	3500	5 HU, 630 mm	45
BLWA 5010-850	500 ... 1000 MHz	850	59.3 / 62 ±2	20 / 20	6000	10 HU, 630 mm	100
BLWA 5010-1100	500 ... 1000 MHz	1100	60.4 / 63 ±2	20 / 20	6000	10 HU, 630 mm	100
BLWA 5010-1500	500 ... 1000 MHz	1500	61.8 / 64 ±2	20 / 20	12000	18 HU, 630 mm	250
BLWA 5010-2000	500 ... 1000 MHz	2000	63 / 65 ±2	20 / 20	12000	18 HU, 630 mm	250
BLWA 5010-3000	500 ... 1000 MHz	3000	64.8 / 67 ±2	20 / 20	22000	37 HU, 630 mm	450
BLWA 5010-4000	500 ... 1000 MHz	4000	66 / 68 ±2	20 / 20	34000	37 HU, 630 mm	450

Cellular Bands Solid State

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	
BLWA 8010-10	800 ... 1000 MHz	10	40 / 42 ±2	25 / 25	75	3 HU, 350 mm	11
BLWA 8010-25	800 ... 1000 MHz	25	44 / 46 ±2	25 / 25	150	3 HU, 350 mm	12
BLWA 8010-50	800 ... 1000 MHz	50	47 / 49 ±2	50 / 50	300	3 HU, 450 mm	15
BLWA 8010-90	800 ... 1000 MHz	90	49.5 / 52 ±2	50 / 50	500	3 HU, 550 mm	18
BLWA 8010-175	800 ... 1000 MHz	175	52.4 / 55 ±2	50 / 50	1200	4 HU, 630 mm	35
BLWA 8996-10	890 ... 960 MHz	10	40 / 42 ±2	25 / 25	75	3 HU, 350 mm	11
BLWA 8996-25	890 ... 960 MHz	25	44 / 46 ±2	25 / 25	150	3 HU, 350 mm	12
BLWA 8996-50	890 ... 960 MHz	50	47 / 49 ±2	50 / 50	300	3 HU, 450 mm	15
BLWA 8996-100	890 ... 960 MHz	100	50 / 52 ±2	50 / 50	500	3 HU, 550 mm	18
BLWA 8996-200	890 ... 960 MHz	200	53 / 55 ±2	50 / 50	1200	4 HU, 630 mm	35
BLWA 9396-10	930 ... 960 MHz	10	40 / 42 ±2	25 / 25	75	3 HU, 350 mm	11
BLWA 9396-25	930 ... 960 MHz	25	44 / 46 ±2	25 / 25	150	3 HU, 350 mm	12
BLWA 9396-50	930 ... 960 MHz	50	47 / 49 ±2	50 / 50	300	3 HU, 450 mm	15
BLWA 9396-100	930 ... 960 MHz	100	50 / 52 ±2	50 / 50	500	3 HU, 550 mm	18
BLWA 9396-200	930 ... 960 MHz	200	53 / 55 ±2	50 / 50	1200	4 HU, 630 mm	35
BLMA 1719-10	1.7 ... 1.9 GHz	10	40 / 42 ±2	50 / 50	75	3 HU, 350 mm	12
BLMA 1719-20	1.7 ... 1.9 GHz	20	43 / 45 ±2	50 / 50	200	3 HU, 350 mm	14
BLMA 1719-40	1.7 ... 1.9 GHz	40	46 / 48 ±2	50 / 50	350	3 HU, 450 mm	16
BLMA 1719-80	1.7 ... 1.9 GHz	80	49 / 51 ±2	50 / 50	650	4 HU, 550 mm	25
BLMA 1719-150	1.7 ... 1.9 GHz	150	51.8 / 54 ±2	50 / 50	1500	4 HU, 630 mm	40

Cellular Bands

Solid State

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	
BLMA 1822-10	1.8 ... 2.2 GHz	10	40 / 42 ±2	50 / 50	75	3 HU, 350 mm	12
BLMA 1822-20	1.8 ... 2.2 GHz	20	43 / 45 ±2	50 / 50	200	3 HU, 350 mm	14
BLMA 1822-40	1.8 ... 2.2 GHz	40	46 / 48 ±2	50 / 50	350	3 HU, 450 mm	16
BLMA 1822-80	1.8 ... 2.2 GHz	80	49 / 51 ±2	50 / 50	650	4 HU, 550 mm	25
BLMA 1822-100/75	1.8 ... 2.2 GHz	100/75	50 / 52 ±2	50 / 50	650	4 HU, 550 mm	25
	1.9 ... 2.1 GHz	100					
	1.8 ... 2.2 GHz	75					
BLMA 1822-160	1.8 ... 2.2 GHz	160	52 / 54 ±2	50 / 50	1500	4 HU, 630 mm	40
BLMA 1822-200/150	1.8 ... 2.2 GHz	200/150	53 / 55 ±2	50 / 50	1500	4 HU, 630 mm	40
	1.9 ... 2.1 GHz	200					
	1.8 ... 2.2 GHz	150					
BLMA 1921-10	1.9 ... 2.1 GHz	10	40 / 42 ±2	50 / 50	75	3 HU, 350 mm	12
BLMA 1921-25	1.9 ... 2.1 GHz	25	44 / 46 ±2	50 / 50	200	3 HU, 350 mm	14
BLMA 1921-50	1.9 ... 2.1 GHz	50	47 / 49 ±2	50 / 50	350	3 HU, 450 mm	16
BLMA 1921-100	1.9 ... 2.1 GHz	100	50 / 52 ±2	50 / 50	650	4 HU, 550 mm	25
BLMA 1921-200	1.9 ... 2.1 GHz	200	53 / 55 ±2	50 / 50	1500	4 HU, 630 mm	40
BLMA 2325-10	2.3 ... 2.5 GHz	10	40 / 42 ±2	50 / 50	80	3 HU, 350 mm	12
BLMA 2325-25	2.3 ... 2.5 GHz	25	44 / 46 ±2	50 / 50	180	3 HU, 350 mm	18
BLMA 2325-50	2.3 ... 2.5 GHz	50	47 / 49 ±2	50 / 50	400	3 HU, 550 mm	25
BLMA 2325-100	2.3 ... 2.5 GHz	100	50 / 52 ±2	50 / 50	800	3 HU, 550 mm	28
BLMA 2325-150	2.3 ... 2.5 GHz	150	51.8 / 54 ±2	50 / 50	1500	4 HU, 630 mm	45

BLMA

Solid State

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	
BLMA 0126-0.2	0.1 ... 26.5 GHz	0.2	23 / 27 ±4	15 / 20	50	3 HU, 350 mm	11
BLMA 0520-1	0.5 ... 2 GHz	1	30 / 32 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 0520-3	0.5 ... 2 GHz	3	34.8 / 37 ±2	20 / 20	80	3 HU, 350 mm	12
BLMA 0520-8	0.5 ... 2 GHz	8	39 / 41 ±2	20 / 20	200	3 HU, 350 mm	14
BLMA 0820-1	0.8 ... 2 GHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 0820-3	0.8 ... 2 GHz	3	34.8 / 37 ±2	20 / 20	100	3 HU, 350 mm	11
BLMA 0820-6	0.8 ... 2 GHz	6	37.8 / 40 ±2	20 / 20	125	3 HU, 350 mm	12
BLMA 0820-10	0.8 ... 2 GHz	10	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	13
BLMA 0820-25	0.8 ... 2 GHz	25	44 / 46 ±2	20 / 20	200	3 HU, 350 mm	15
BLMA 0820-50	0.8 ... 2 GHz	50	47 / 49 ±2	20 / 20	400	4 HU, 550 mm	25
BLMA 0820-100	0.8 ... 2 GHz	100	50 / 52 ±2	20 / 20	800	4 HU, 630 mm	27
BLMA 0820-200	0.8 ... 2 GHz	200	53 / 55 ±2	20 / 20	1600	4 HU, 630 mm	32
BLMA 0820-350	0.8 ... 2 GHz	350	55.4 / 58 ±2	20 / 20	3000	7 HU, 630 mm	70
BLMA 0820-700	0.8 ... 2 GHz	700	8.5 / 61 ±2	20 / 20	6000	15 HU, 630 mm	150
BLMA 0822-1	0.8 ... 2.2 GHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 0822-3	0.8 ... 2.2 GHz	3	34.8 / 37 ±2	20 / 20	100	3 HU, 350 mm	11
BLMA 0822-6	0.8 ... 2.2 GHz	6	37.8 / 40 ±2	20 / 20	125	3 HU, 350 mm	12
BLMA 0822-10	0.8 ... 2.2 GHz	10	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	13
BLMA 0822-25	0.8 ... 2.2 GHz	25	44 / 46 ±2	20 / 20	200	3 HU, 350 mm	15
BLMA 0822-50	0.8 ... 2.2 GHz	50	47 / 49 ±2	20 / 20	400	4 HU, 550 mm	25
BLMA 0822-100	0.8 ... 2.2 GHz	100	50 / 52 ±2	20 / 20	800	4 HU, 630 mm	27
BLMA 0822-200	0.8 ... 2.2 GHz	200	53 / 55 ±2	20 / 20	1600	4 HU, 630 mm	32
BLMA 0822-350	0.8 ... 2.2 GHz	350	55.4 / 58 ±2	20 / 20	3000	7 HU, 630 mm	70
BLMA 0822-700	0.8 ... 2.2 GHz	700	58.5 / 61 ±2	20 / 20	6000	15 HU, 630 mm	150

Model	Frequency Range	Output Power		Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W		min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	kg
BLMA 0825-1	0.8 ... 2.5 GHz	1		30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 0825-3	0.8 ... 2.5 GHz	3		34.8 / 37 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 0825-5	0.8 ... 2.5 GHz	5		37 / 39 ±2	20 / 20	75	3 HU, 350 mm	12
BLMA 0825-10	0.8 ... 2.5 GHz	10		40 / 42 ±2	20 / 20	150	3 HU, 350 mm	13
BLMA 0825-15	0.8 ... 2.5 GHz	15		41.8 / 44 ±2	20 / 20	200	3 HU, 350 mm	15
BLMA 0825-30	0.8 ... 2.5 GHz	30		44.8 / 47 ±2	20 / 20	400	4 HU, 550 mm	23
BLMA 0825-60	0.8 ... 2.5 GHz	60		47.8 / 50 ±2	20 / 20	600	4 HU, 630 mm	27
BLMA 0825-120	0.8 ... 2.5 GHz	120		50.8 / 53 ±2	20 / 20	1250	4 HU, 630 mm	32
BLMA 0825-200	0.8 ... 2.5 GHz	200		53 / 55 ±2	20 / 20	2500	7 HU, 630 mm	70
BLMA 0825-350	0.8 ... 2.5 GHz	350		55.4 / 58 ±2	20 / 20	5000	15 HU, 630 mm	150
BLMA 0830-1	0.8 ... 3 GHz	1		30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 0830-3	0.8 ... 3 GHz	3		34.8 / 37 ±2	20 / 20	75	3 HU, 350 mm	12
BLMA 0830-5	0.8 ... 3 GHz	5		37 / 39 ±2	20 / 20	75	3 HU, 350 mm	12
BLMA 0830-10	0.8 ... 3 GHz	10		40 / 42 ±2	20 / 20	50	3 HU, 350 mm	16
BLMA 0840-25/15D	0.8 ... 4 GHz	25/15				350	4 HU, 550 mm	25
	0.8 ... 2 GHz	25		44 / 46 ±2	20 / 20			
	2 ... 4 GHz	15		41.8 / 44 ±2	20 / 20			
BLMA 0840-25/30D	0.8 ... 4 GHz	25/30				350	4 HU, 630 mm	25
	0.8 ... 2 GHz	25		44 / 46 ±2	20 / 20			
	2 ... 4 GHz	30		44.8 / 47 ±2	20 / 20			
BLMA 0840-50/30D	0.8 ... 4 GHz	50/30				500	4 HU, 630 mm	30
	0.8 ... 2 GHz	50		47 / 49 ±2	20 / 20			
	2 ... 4 GHz	30		44.8 / 47 ±2	20 / 20			
BLMA 0840-50/60D	0.8 ... 4 GHz	50/60				800	4 HU, 630 mm	40
	0.8 ... 2 GHz	50		47 / 49 ±2	20 / 20			
	2 ... 4 GHz	60		47.8 / 50 ±2	20 / 20			
BLMA 0840-100/60D	0.8 ... 4 GHz	100/60				850	4 HU, 630 mm	45
	0.8 ... 2 GHz	100		50 / 52 ±2	20 / 20			
	2 ... 4 GHz	60		47.8 / 50 ±2	20 / 20			
BLMA 0840-100D	0.8 ... 4 GHz	100/100				1600	7 HU, 630 mm	50
	0.8 ... 2 GHz	100		50 / 52 ±2	20 / 20			
	2 ... 4 GHz	100		50 / 52 ±2	20 / 20			
BLMA 0840-200/100D	0.8 ... 4 GHz	200/100				1600	7 HU, 630 mm	55
	0.8 ... 2 GHz	200		53 / 55 ±2	20 / 20			
	2 ... 4 GHz	100		50 / 52 ±2	20 / 20			
BLMA 0840-200D	0.8 ... 4 GHz	200/200				3200	10 HU, 630 mm	85
	0.8 ... 2 GHz	200		53 / 55 ±2	20 / 20			
	2 ... 4 GHz	200		53 / 55 ±2	20 / 20			
BLMA 0840-350/200D	0.8 ... 4 GHz	350/200				5000	14 HU, 630 mm	110
	0.8 ... 2 GHz	350		55.4 / 57 ±2	20 / 20			
	2 ... 4 GHz	200		53 / 55 ±2	20 / 20			
BLMA 0840-350D	0.8 ... 4 GHz	350/350				6500	20 HU, 630 mm	180
	0.8 ... 2 GHz	350		55.4 / 58 ±2	20 / 20			
	2 ... 4 GHz	350		55.4 / 58 ±2	20 / 20			
BLMA 0840-750/350D	0.8 ... 4 GHz	750/350				9000	30 HU, 630 mm	230
	0.8 ... 2 GHz	750		58.8 / 61 ±2	20 / 20			
	2 ... 4 GHz	350		55.4 / 58 ±2	20 / 20			
BLMA 0842-1	0.8 ... 4.2 GHz	1		30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 0842-3	0.8 ... 4.2 GHz	3		34.8 / 37 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 0842-5	0.8 ... 4.2 GHz	5		37 / 39 ±2	20 / 20	100	3 HU, 350 mm	12
BLMA 0842-10	0.8 ... 4.2 GHz	10		40 / 42 ±2	20 / 20	300	3 HU, 550 mm	16
BLMA 0842-20	0.8 ... 4.2 GHz	20		43 / 45 ±2	20 / 20	600	4 HU, 550 mm	22
BLMA 0842-40	0.8 ... 4.2 GHz	40		46 / 48 ±2	20 / 20	1500	4 HU, 630 mm	35
BLMA 0842-80	0.8 ... 4.2 GHz	80		49 / 51 ±2	20 / 20	2500	6 HU, 630 mm	60

BLMA

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Model	Frequency Range	Output Power		Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power W	Dimensions (H, D) 19"-System	Weight kg
		P_N min W						
BLMA 1020-1	1 ... 2 GHz	1		30 / 32 ±2	20 / 20	50	3 HU, 350 mm	11
BLMA 1020-3	1 ... 2 GHz	3		34.8 / 37 ±2	20 / 20	50	3 HU, 350 mm	11
BLMA 1020-5	1 ... 2 GHz	5		37 / 39 ±2	20 / 20	100	3 HU, 350 mm	12
BLMA 1020-10	1 ... 2 GHz	10		40 / 42 ±2	20 / 20	150	3 HU, 350 mm	13
BLMA 1020-30	1 ... 2 GHz	30		44.8 / 47 ±2	20 / 20	180	3 HU, 350 mm	15
BLMA 1020-50	1 ... 2 GHz	50		47 / 49 ±2	20 / 20	400	4 HU, 550 mm	25
BLMA 1020-60	1 ... 2 GHz	60		47.8 / 50 ±2	20 / 20	450	4 HU, 550 mm	25
BLMA 1020-100	1 ... 2 GHz	100		50 / 52 ±2	20 / 20	700	4 HU, 630 mm	27
BLMA 1020-120	1 ... 2 GHz	120		50.8 / 53 ±2	20 / 20	900	4 HU, 630 mm	27
BLMA 1020-200	1 ... 2 GHz	200		53 / 55 ±2	20 / 20	1600	4 HU, 630 mm	32
BLMA 1020-240	1 ... 2 GHz	240		53.8 / 56 ±2	20 / 20	1800	4 HU, 630 mm	32
BLMA 1020-360	1 ... 2 GHz	360		55.6 / 58 ±2	20 / 20	3000	7 HU, 630 mm	70
BLMA 1020-450	1 ... 2 GHz	450		56.5 / 59 ±2	20 / 20	3500	7 HU, 630 mm	70
BLMA 1020-750	1 ... 2 GHz	750		58.8 / 61 ±2	20 / 20	6000	15 HU, 630 mm	150
BLMA 1020-850	1 ... 2 GHz	850		59.3 / 62 ±2	20 / 20	7000	15 HU, 630 mm	150
BLMA 1030-1	1 ... 3 GHz	1		30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 1030-3	1 ... 3 GHz	3		34.8 / 37 ±2	20 / 20	75	3 HU, 350 mm	12
BLMA 1030-5	1 ... 3 GHz	5		37 / 39 ±2	20 / 20	75	3 HU, 350 mm	12
BLMA 1030-10	1 ... 3 GHz	10		40 / 42 ±2	20 / 20	150	3 HU, 350 mm	16
BLMA 1030-20	1 ... 3 GHz	20		43 / 45 ±2	20 / 20	250	3 HU, 550 mm	18
BLMA 1030-40	1 ... 3 GHz	40		46 / 48 ±2	20 / 20	600	4 HU, 550 mm	22
BLMA 1030-80	1 ... 3 GHz	80		49 / 51 ±2	20 / 20	1000	6 HU, 630 mm	55
BLMA 1040-30/15D	1 ... 4 GHz	30/15				350	4 HU, 550 mm	25
	1 ... 2 GHz	30		44.8 / 47 ±2	20 / 20			
	2 ... 4 GHz	15		41.8 / 44 ±2	20 / 20			
BLMA 1040-30D	1 ... 4 GHz	30/30				350	4 HU, 630 mm	25
	1 ... 2 GHz	30		44.8 / 47 ±2	20 / 20			
	2 ... 4 GHz	30		44.8 / 47 ±2	20 / 20			
BLMA 1040-60/30D	1 ... 4 GHz	60/30				500	4 HU, 630 mm	30
	1 ... 2 GHz	60		47.8 / 50 ±2	20 / 20			
	2 ... 4 GHz	30		44.8 / 47 ±2	20 / 20			
BLMA 1040-60D	1 ... 4 GHz	60/60				800	4 HU, 630 mm	40
	1 ... 2 GHz	60		47.8 / 50 ±2	20 / 20			
	2 ... 4 GHz	60		47.8 / 50 ±2	20 / 20			
BLMA 1040-100/60D	1 ... 4 GHz	100/60				850	4 HU, 630 mm	45
	1 ... 2 GHz	100		50 / 52 ±2	20 / 20			
	2 ... 4 GHz	60		47.8 / 49 ±2	20 / 20			
BLMA 1040-100D	1 ... 4 GHz	100/100				1600	7 HU, 630 mm	50
	1 ... 2 GHz	100		50 / 52 ±2	20 / 20			
	2 ... 4 GHz	100		50 / 52 ±2	20 / 20			
BLMA 1040-200D	1 ... 4 GHz	200D				3200	10 HU, 630 mm	85
	1 ... 2 GHz	200		53 / 55 ±2	20 / 20			
	2 ... 4 GHz	200		53 / 55 ±2	20 / 20			
BLMA 1040-200/100D	1 ... 4 GHz	200/100				1600	7 HU, 630 mm	55
	1 ... 2 GHz	200		53 / 55 ±2	20 / 20			
	2 ... 4 GHz	100		50 / 52 ±2	20 / 20			
BLMA 1040-350D	1 ... 4 GHz	350D				6500	20 HU, 630 mm	180
	1 ... 2 GHz	350		55.4 / 58 ±2	20 / 20			
	2 ... 4 GHz	350		55.4 / 58 ±2	20 / 20			
BLMA 1040-350/200D	1 ... 4 GHz	350/200				5000	14 HU, 630 mm	110
	1 ... 2 GHz	350		55.4 / 58 ±2	20 / 20			
	2 ... 4 GHz	200		53 / 55 ±2	20 / 20			
BLMA 1040-750/350D	1 ... 4 GHz	750/350				9000	30 HU, 630 mm	230
	1 ... 2 GHz	750		58.8 / 61 ±2	20 / 20			
	2 ... 4 GHz	350		55.4 / 57 ±2	20 / 20			

Model	Frequency Range	Output Power <i>P_N min</i> <i>W</i>	Gain <i>min / typ</i> <i>dB</i>	Harmonics <i>2nd / 3rd</i> <i>dBc</i>	Line Power <i>W</i>	Dimensions <i>(H, D)</i> <i>19"-System</i>	Weight <i>kg</i>
BLMA 2040-1	2 ... 4 GHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 2040-3	2 ... 4 GHz	3	34.8 / 37 ±2	20 / 20	100	3 HU, 350 mm	11
BLMA 2040-6	2 ... 4 GHz	6	37.8 / 40 ±2	20 / 20	125	3 HU, 350 mm	12
BLMA 2040-15	2 ... 4 GHz	15	41.8 / 45 ±2	20 / 20	200	3 HU, 350 mm	15
BLMA 2040-30	2 ... 4 GHz	30	44.8 / 47 ±2	20 / 20	400	4 HU, 550 mm	23
BLMA 2040-60	2 ... 4 GHz	60	47.8 / 50 ±2	20 / 20	600	4 HU, 630 mm	7
BLMA 2040-110	2 ... 4 GHz	110	50.4 / 53 ±2	20 / 20	1100	4 HU, 630 mm	32
BLMA 2040-200	2 ... 4 GHz	200	53 / 55 ±2	20 / 20	2500	7 HU, 630 mm	70
BLMA 2040-400	2 ... 4 GHz	400	56 / 58 ±2	20 / 20	5000	15 HU, 630 mm	150
BLMA 2060-0.5	2 ... 6 GHz	0.5	27 / 29 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 2060-1	2 ... 6 GHz	1	30 / 32 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 2060-2	2 ... 6 GHz	2	33 / 35 ±2	20 / 20	75	3 HU, 350 mm	10
BLMA 2060-3	2 ... 6 GHz	3	34.8 / 37 ±2	20 / 20	100	3 HU, 350 mm	11
BLMA 2060-4	2 ... 6 GHz	4	36 / 38 ±2	20 / 20	125	3 HU, 350 mm	12
BLMA 2060-5	2 ... 6 GHz	5	37 / 39 ±2	20 / 20	150	3 HU, 350 mm	12
BLMA 2080-0.5	2 ... 8 GHz	0.5	27 / 29 ±2	20 / 20	75	3 HU, 350 mm	10
BLMA 2080-1	2 ... 8 GHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	10
BLMA 2080-2	2 ... 8 GHz	2	33 / 35 ±2	20 / 20	75	3 HU, 350 mm	10
BLMA 2018-0.2	2 ... 18 GHz	0.2	23 / 25 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 2018-0.3	2 ... 18 GHz	0.3	24.8 / 27 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 2018-0.5	2 ... 18 GHz	0.5	27 / 29 ±2	15 / 20	50	3 HU, 350 mm	11
BLMA 2018-0.8	2 ... 18 GHz	0.8	29 / 31 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 2018-1D	2 ... 18 GHz	1/1			50	3 HU, 350 mm	12
	2 ... 6 GHz	1	29 / 31 ±2	20 / 20			
	6 ... 18 GHz	1	29 / 31 ±2	20 / 20			
BLMA 4060-4	4 ... 6 GHz	4	36 / 38 ±2	20 / 20	110	3 HU, 350 mm	12
BLMA 4080-1	4 ... 8 GHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 4080-2	4 ... 8 GHz	2	33 / 35 ±2	20 / 20	90	3 HU, 350 mm	11
BLMA 4080-4	4 ... 8 GHz	4	36 / 38 ±2	20 / 20	110	3 HU, 350 mm	12
BLMA 4080-7	4 ... 8 GHz	7	38.5 / 41 ±2	15 / 20	200	3 HU, 350 mm	12
BLMA 4080-10	4 ... 8 GHz	10	40 / 42 ±2	15 / 20	300	3 HU, 350 mm	13
BLMA 4010-0.5	4 ... 10 GHz	0.5	27 / 29 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 4010-1	4 ... 10 GHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 4010-2	4 ... 10 GHz	2	33 / 35 ±2	20 / 20	90	3 HU, 350 mm	11
BLMA 6012-0.5	6 ... 12 GHz	0.5	27 / 29 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 6012-1	6 ... 12 GHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 6012-2	6 ... 12 GHz	2	33 / 35 ±2	20 / 20	90	3 HU, 350 mm	11
BLMA 6018-0.5	6 ... 18 GHz	0.5	27 / 29 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 6018-1	6 ... 18 GHz	1	30 / 32 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 6018-2	6 ... 18 GHz	2	33 / 35 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 6018-4	6 ... 18 GHz	4	36 / 38 ±2	20 / 20	150	3 HU, 350 mm	11
BLMA 6018-7	6 ... 18 GHz	7	38.5 / 41 ±2	20 / 20	180	3 HU, 350 mm	12
BLMA 6018-10	6 ... 18 GHz	10	40 / 42 ±2	20 / 20	250	3 HU, 350 mm	12
BLMA 8012-1	8 ... 12 GHz	1	30 / 32 ±2	20 / 20	125	3 HU, 350 mm	11
BLMA 8012-5	8 ... 12 GHz	5	37 / 39 ±2	20 / 20	200	3 HU, 350 mm	12
BLMA 8012-10	8 ... 12 GHz	10	40 / 42 ±2	20 / 20	250	3 HU, 350 mm	13

BLMA**Solid State**

<i>Model</i>	<i>Frequency Range</i>	<i>Output Power</i>	<i>Gain</i>	<i>Harmonics</i>	<i>Line Power</i>	<i>Dimensions</i>	<i>Weight</i>
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	kg
BLMA 8018-0.5	8 ... 18 GHz	0.5	27 / 29 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 8018-1	8 ... 18 GHz	1	30 / 32 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 8018-2	8 ... 18 GHz	2	33 / 35 ±2	20 / 20	100	3 HU, 350 mm	10
BLMA 8018-4	8 ... 18 GHz	4	36 / 38 ±2	20 / 20	150	3 HU, 350 mm	12
BLMA 8018-7	8 ... 18 GHz	7	38.5 / 41 ±2	20 / 20	250	3 HU, 350 mm	15
BLMA 8018-10	8 ... 18 GHz	10	40 / 42 ±2	20 / 20	350	3 HU, 350 mm	16
BLMA 1218-5	12 ... 18 GHz	5	37 / 39 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 1218-7	12 ... 18 GHz	7	38.5 / 41 ±2	20 / 20	200	3 HU, 350 mm	12
BLMA 1826-0.25	18 ... 26 GHz	0.25	24 / 26 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 1826-0.5	18 ... 26 GHz	0.5	27 / 29 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 1826-0.7	18 ... 26 GHz	0.7	28.5 / 31 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 1826-1	18 ... 26 GHz	1	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 1826-1.5	18 ... 26 GHz	1.5	31.8 / 34 ±2	20 / 20	100	3 HU, 350 mm	12
BLMA 1840-0.1	18 ... 40 GHz	0.1	20 / 22 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 1840-0.2	18 ... 40 GHz	0.2	23 / 25 ±2	20 / 20	50	3 HU, 350 mm	11
BLMA 1840-0.25	18 ... 40 GHz	0.25	24 / 26 ±2	20 / 20	50	3 HU, 350 mm	11
BLMA 1840-0.4	18 ... 40 GHz	0.4	26 / 28 ±2	20 / 20	50	3 HU, 350 mm	11
BLMA 2640-0.1	26 ... 40 GHz	0.1	20 / 22 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 2640-0.2	26 ... 40 GHz	0.2	23 / 25 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 2640-0.4	26 ... 40 GHz	0.4	26 / 28 ±2	20 / 20	50	3 HU, 350 mm	11
BLMA 2640-0.8	26 ... 40 GHz	0.8	29 / 31 ±2	20 / 20	50	3 HU, 350 mm	11
	37 ... 40 GHz	0.5					

TWAL Travelling Wave Tube

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
		P_N min W	min / typ dB	2nd / 3rd dBc	W	(H, D) 19"-System	
TWAL 0103-250	1 ... 2.5 GHz	250	54 / 62 \pm 7.5	4 / 12	3000	5 HU, 610 mm	48
TWAL 0103-320	1 ... 2.5 GHz	320	55 / 63 \pm 7.5	3 / 10	3500	5 HU, 610 mm	48
TWAL 0103-500	1 ... 2.5 GHz	500	54 / 62 \pm 7.5	8 / 20	6000	14 HU, 610 mm	140
TWAL 0103-1000	1 ... 2.5 GHz	1000	50 / 60 \pm 10	8 / 20	12000	32 HU, 800 mm	340
TWAL 0204-250E	2 ... 4 GHz	250	54 / 62 \pm 7.5	1 / 5	3000	4 HU, 700 mm	32
TWAL 0208-250	2 ... 8 GHz	250	54 / 62 \pm 7.5	1 / 5	3000	5 HU, 610 mm	50
TWAL 0208-300	2 ... 8 GHz	300	54.8 / 63 \pm 7.5	0 / 4	3500	5 HU, 610 mm	50
TWAL 0208-500	2 ... 8 GHz	500	54 / 62 \pm 7.5	5 / 10	6000	14 HU, 610 mm	140
TWAL 0208-1000	2 ... 8 GHz 2.5 ... 8 GHz (1)	1000	50 / 58 \pm 7.5	10 / 15	12000	32 HU, 800 mm	340
TWAL 0408-20	4 ... 8 GHz	20	43 / 48 \pm 5	5 / 20	400	3 HU, 550 mm	20
TWAL 0408-250E	4 ... 8 GHz	250	54 / 62 \pm 7.5	5 / 20	3000	4 HU, 700 mm	30
TWAL 0410-70	4 ... 10 GHz	70	50 / 56 \pm 6	3 / 10	1500	3 HU, 610 mm	33
TWAL 0410-170	4 ... 10 GHz	170	50 / 56 \pm 6	3 / 10	1500	3 HU, 610 mm	33
TWAL 0412-20	4 ... 12 GHz	20	43 / 51 \pm 7.5	0 / 5	600	3 HU, 550 mm	20
TWAL 0418-20	4 ... 18 GHz	20	43 / 51 \pm 7.5	0 / 5	600	3 HU, 550 mm	20
TWAL 0618-20	6 ... 18 GHz	20	43 / 48 \pm 5	5 / 20	400	3 HU, 550 mm	20
TWAL 0618-200	6 ... 18 GHz	200	53 / 61 \pm 7.5	5 / 20	3000	3 HU, 550 mm	20
TWAL 0810-1000	8 ... 10 GHz	1000	50 / 60 \pm 10	10 / 20	6000	18 HU, 700 mm	270
TWAL 0812-20	8 ... 12 GHz	20	43 / 48 \pm 5	5 / 20	400	3 HU, 550 mm	20
TWAL 0818-20	8 ... 18 GHz	20	43 / 51 \pm 7.5	5 / 20	400	3 HU, 550 mm	20
TWAL 0818-50/35	8 ... 18 GHz	50/35		5 / 20	400	3 HU, 550 mm	22
	8 ... 15 GHz	50	47 / 55 \pm 7.5				
	15 ... 18 GHz	35	43 / 51 \pm 7.5				
TWAL 0818-200E	8 ... 18 GHz	200	53 / 61 \pm 7.5	8 / 20	2000	4 HU, 700 mm	33
TWAL 0818-250	8 ... 18 GHz	250	54 / 62 \pm 7.5	8 / 20	1500	3 HU, 610 mm	33
TWAL 0818-320	8 ... 18 GHz	320	55 / 63 \pm 7.5	6 / 18	1750	3 HU, 610 mm	33
TWAL 0818-500	8 ... 18 GHz	500	54 / 62 \pm 7.5	8 / 20	3000	7 HU, 700 mm	85
TWAL 0818-1000	8 ... 18 GHz	1000	50 / 60 \pm 10	10 / 20	6000	18 HU, 700 mm	270
TWAL 1218-20	12 ... 18 GHz	20	43 / 48 \pm 5	5 / 20	400	3 HU, 550 mm	20
TWAL 1826-40	18 ... 26.5 GHz	40	46 / 52 \pm 6	15 / 20	1200	3+5 HU, 610 mm	41
TWAL 2640-40	26.5 ... 40 GHz	40	46 / 52 \pm 6	15 / 20	1200	3+5 HU, 610 mm	41

(1) Combiner is limiting the actual frequency range

EMI

Preamplifiers

Model	Frequency Range	Output Power	Gain	Noise Figure	Dimensions	Weight
		P_N / min dBm	min / typ dB	dB	(W, H, D) mm	kg
BLMA 0118-A	1 ... 18 GHz	+10	18 / 21 \pm 3	2.5	93 x 65 x 208	1.5
BLMA 0118-BT	1 ... 18 GHz 3 ... 18 GHz (1)	+3	46 / 50 \pm 4	3.2	93 x 65 x 208	1.5
BLMA 0118-M	1 ... 18 GHz	+4	48 / 52 \pm 4	2.5	93 x 65 x 208	1.5
BLMA 0118-1A	1 ... 18 GHz	+10	30 / 32 \pm 2	2.6	93 x 65 x 208	1.5
BLMA 0118-1ABT	1 ... 18 GHz 3 ... 18 GHz (1)	+9	28 / 30 \pm 2	3.3	93 x 65 x 208	1.5
BLMA 0118-1BT	1 ... 18 GHz 3 ... 18 GHz (1)	+9	36 / 39 \pm 3	3.2	93 x 65 x 208	1.5
BLMA 0118-1M	1 ... 18 GHz	+10	38 / 41 \pm 3	2.5	93 x 65 x 208	1.5
BLMA 0118-2A	1 ... 18 GHz	+5	29 / 31 \pm 2	2.8	93 x 65 x 208	1.5
BLMA 0118-3A	1 ... 18 GHz	+8	30 / 32 \pm 2	3.0	93 x 65 x 208	1.5
BLMA 0118-4A	1 ... 18 GHz	+8	40 / 42 \pm 2	3.0	93 x 65 x 208	1.5
BLMA 0118-5A	1 ... 18 GHz	+8	50 / 52 \pm 2	3.0	93 x 65 x 208	1.5
BLMA 1826-M	18 ... 26 GHz	+8	40 / 43 \pm 3	2.5	93 x 65 x 206	1
BLMA 1826-1A	18 ... 26 GHz	+10	30 / 32 \pm 2	3.5	93 x 65 x 206	1
BLMA 1826-1M	18 ... 26 GHz	+10	40 / 43 \pm 3	2.5	93 x 65 x 206	1
BLMA 1826-3A	18 ... 26 GHz	+10	30 / 32 \pm 2	3.0	93 x 65 x 206	1
BLMA 1826-4A	18 ... 26 GHz	+10	40 / 42 \pm 2	3.0	93 x 65 x 206	1
BLMA 1826-5A	18 ... 26 GHz	+10	50 / 52 \pm 2	3.0	93 x 65 x 206	1
BLMA 1840-1A	18 ... 40 GHz	+5	23 / 26 \pm 2.5	3.0	93 x 65 x 206	1
BLMA 1840-2A	18 ... 40 GHz	+5	23 / 26 \pm 2.5	3.5	93 x 65 x 206	1
BLMA 1840-3A	18 ... 40 GHz	+5	23 / 26 \pm 2.5	5.0	93 x 65 x 206	1
BLMA 2640-M	26 ... 40 GHz	+5	38 / 42 \pm 4	2.7	93 x 65 x 206	1
BLMA 2640-1A	26 ... 40 GHz	+6	20 / 22 \pm 2	4.5	93 x 65 x 206	1
BLMA 2640-3A	26 ... 40 GHz	+10	30 / 32 \pm 2	4.0	93 x 65 x 206	1
BLMA 2640-4A	26 ... 40 GHz	+10	40 / 42 \pm 2	4.0	93 x 65 x 206	1
BLMA 2640-5A	26 ... 40 GHz	+10	50 / 52 \pm 2	4.0	93 x 65 x 206	1

(1) The Bluetooth filter limits the useable frequency range to 3 ... 18 GHz

BPA**Solid State - Pulsed Amplifiers**

Model	Frequency Range	Output Power <i>P_p min</i> <i>W</i>	Gain <i>dB typ</i>	Harmonics <i>2nd / 3rd</i> <i>dBc</i>	Line Power <i>W</i>	Dimensions <i>(H, D)</i> <i>19"-System</i>	Weight <i>kg</i>
BLPA 3050-50	0.3 ... 0.5 GHz	50	47 ±1.5	40 / 40	80	3 HU, 350 mm	25
BLPA 3050-100	0.3 ... 0.5 GHz	100	50 ±1.5	40 / 40	150	3 HU, 350 mm	25
BLPA 3050-250	0.3 ... 0.5 GHz	250	54 ±1.5	40 / 40	250	4 HU, 450 mm	30
BLPA 3050-500	0.3 ... 0.5 GHz	500	57 ±1.5	40 / 40	350	4 HU, 550 mm	40
BLPA 3050-1000	0.3 ... 0.5 GHz	1000	60 ±1.5	40 / 40	500	4 HU, 550 mm	45
BLPA 3050-2000	0.3 ... 0.5 GHz	2000	63 ±1.5	40 / 40	750	5 HU, 550 mm	55
BLPA 3050-4000	0.3 ... 0.5 GHz	4000	66 ±1.5	40 / 40	1000	7 HU, 630 mm	75
BLPA 3050-7000	0.3 ... 0.5 GHz	7000	68 ±1.5	40 / 40	2000	12 HU, 630 mm	115
BPA 0911-25	0.9 ... 1.1 GHz	25	44 ±2.5	40 / 40	100	3 HU, 350 mm	15
BPA 0911-50	0.9 ... 1.1 GHz	50	47 ±2.5	40 / 40	175	3 HU, 350 mm	15
BPA 0911-100	0.9 ... 1.1 GHz	100	50 ±2.5	40 / 40	300	3 HU, 350 mm	15
BPA 0911-500	0.9 ... 1.1 GHz	500	57 ±2.5	40 / 40	900	4 HU, 450 mm	25
BPA 0911-1000	0.9 ... 1.1 GHz	1000	60 ±2.5	40 / 40	1500	4 HU, 550 mm	30
BPA 0911-5000	0.9 ... 1.1 GHz	5000	67 ±2.5	40 / 40	3000	5+3 HU, 550 mm	50
BPA 1214-100	1.2 ... 1.4 GHz	100	50 ±2.5	40 / 40	200	3 HU, 350 mm	15
BPA 1214-500	1.2 ... 1.4 GHz	500	57 ±2.5	40 / 40	350	3 HU, 550 mm	25
BPA 1214-1000	1.2 ... 1.4 GHz	1000	60 ±2.5	40 / 40	700	4 HU, 550 mm	30
BPA 1214-1800	1.2 ... 1.4 GHz	1800	62.6 ±2.5	40 / 40	1000	4 HU, 550 mm	35
BPA 1214-3000	1.2 ... 1.4 GHz	3000	64.8 ±2.5	40 / 40	1500	6 HU, 630 mm	40
BPA 1214-5000	1.2 ... 1.4 GHz	5000	67 ±2.5	40 / 40	3000	8 HU, 630 mm	60
BPA 2427-25	2.4 ... 2.7 GHz	25	44 ±2.5	40 / 40	125	3 HU, 350 mm	15
BPA 2427-50	2.4 ... 2.7 GHz	50	47 ±2.5	40 / 40	200	3 HU, 350 mm	15
BPA 2427-100	2.4 ... 2.7 GHz	100	50 ±2.5	40 / 40	350	3 HU, 350 mm	15
BPA 2427-500	2.4 ... 2.7 GHz	500	57 ±2.5	40 / 40	1000	4 HU, 450 mm	25
BPA 2427-1000	2.4 ... 2.7 GHz	1000	60 ±2.5	40 / 40	1700	4 HU, 550 mm	30
BPA 2731-25	2.7 ... 3.1 GHz	25	44 ±2.5	40 / 40	100	3 HU, 350 mm	15
BPA 2731-50	2.7 ... 3.1 GHz	50	47 ±2.5	40 / 40	150	3 HU, 350 mm	15
BPA 2731-100	2.7 ... 3.1 GHz	100	50 ±2.5	40 / 40	250	3 HU, 350 mm	15
BPA 2731-300	2.7 ... 3.1 GHz	300	54.8 ±2.5	40 / 40	500	3 HU, 550 mm	20
BPA 2731-500	2.7 ... 3.1 GHz	500	57 ±2.5	40 / 40	500	3 HU, 550 mm	25
BPA 2731-1000	2.7 ... 3.1 GHz	1000	60 ±2.5	40 / 40	1000	4 HU, 550 mm	30

TWAP**Travelling Wave Tube - Pulsed Amplifiers**

Model	Frequency Range	Output Power <i>P_p min</i> <i>W</i>	Gain <i>dB typ</i>	Harmonics <i>2nd / 3rd</i> <i>dBc typ</i>	Line Power <i>W</i>	Dimensions <i>(H, D)</i> <i>19"-System</i>	Weight <i>kg</i>
TWAP 0103-1000	1 ... 2.5 GHz	1000	67.5 +7.5	5 / 8	730	4 HU, 730 mm	35
TWAP 0103-2000	1 ... 2.5 GHz	2000	70.5 ±7.5	7 / 10	1200	4 HU, 730 mm	42
TWAP 1115-1000	1.1 ... 1.5 GHz	1000	67.5 +7.5	20 / 20	1000	4 HU, 730 mm	35
TWAP 0208-1000	2.5 ... 8 GHz	1000	67.5 +7.5	2 / 5	1000	4 HU, 700 mm	32
TWAP 0208-2000	2.5 ... 8 GHz	2000	70.5 ±7.5	2 / 5	1200	4 HU, 700 mm	38
TWAP 0812-2500	8 ... 12.4 GHz	2500	71.5 ±7.5	10 / 15	1600	4 HU, 700 mm	35
TWAP 0812-4000	8 ... 12.4 GHz	4000	73.5 ±7.5	10 / 15	2500	4 HU, 700 mm	35
TWAP 0818-1000	8 ... 18 GHz	1000	67.5 +7.5	3 / 8	500	4 HU, 630 mm	30
TWAP 0818-1500	8 ... 18 GHz	1500	69.5 ±7.5	7 / 15	1300	4 HU, 700 mm	32
TWAP 0818-2000	8 ... 18 GHz	2000	70.5 ±7.5	7 / 15	2000	4 HU, 730 mm	50

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