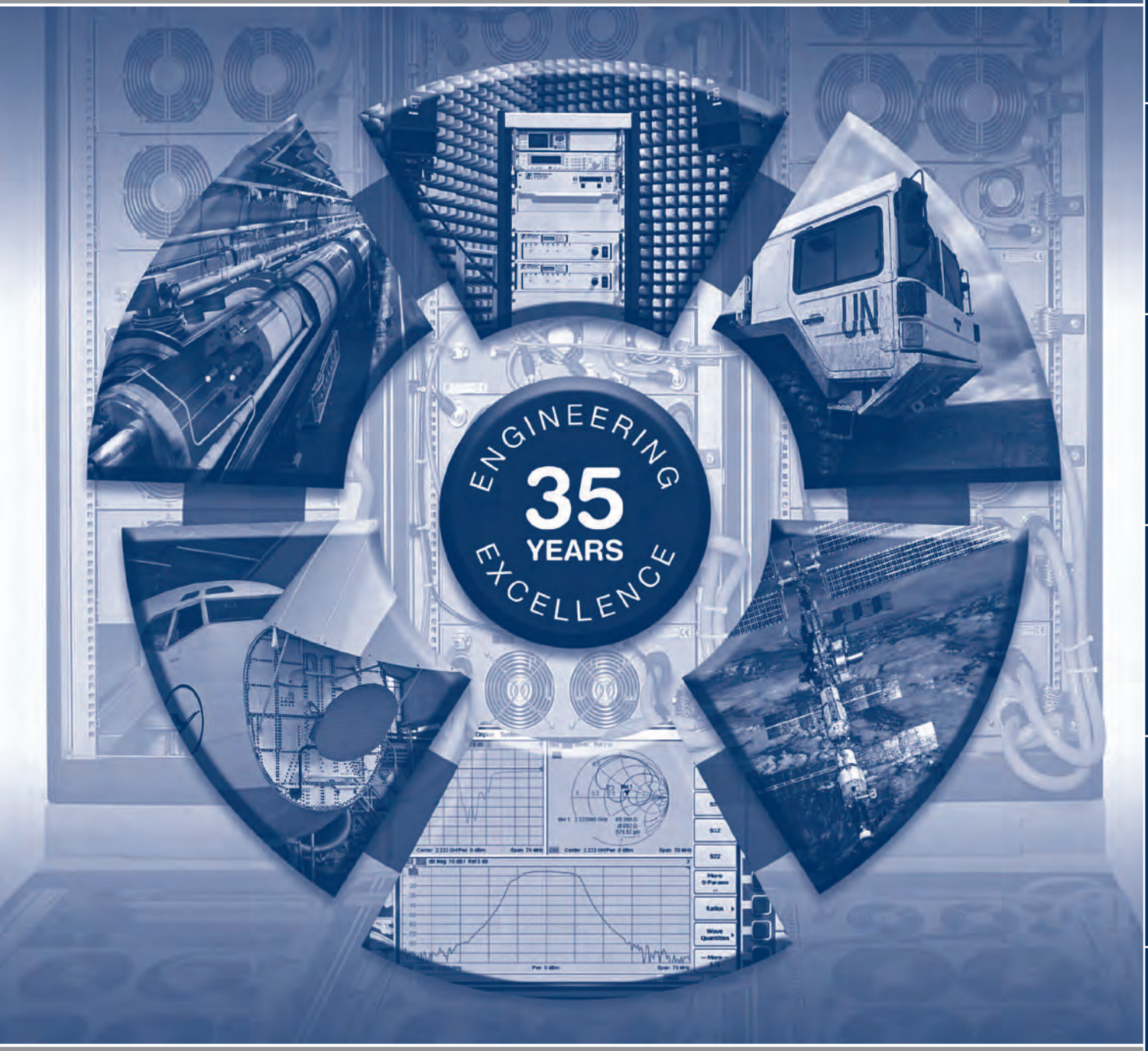
Power Amplifiers
Overview of all models

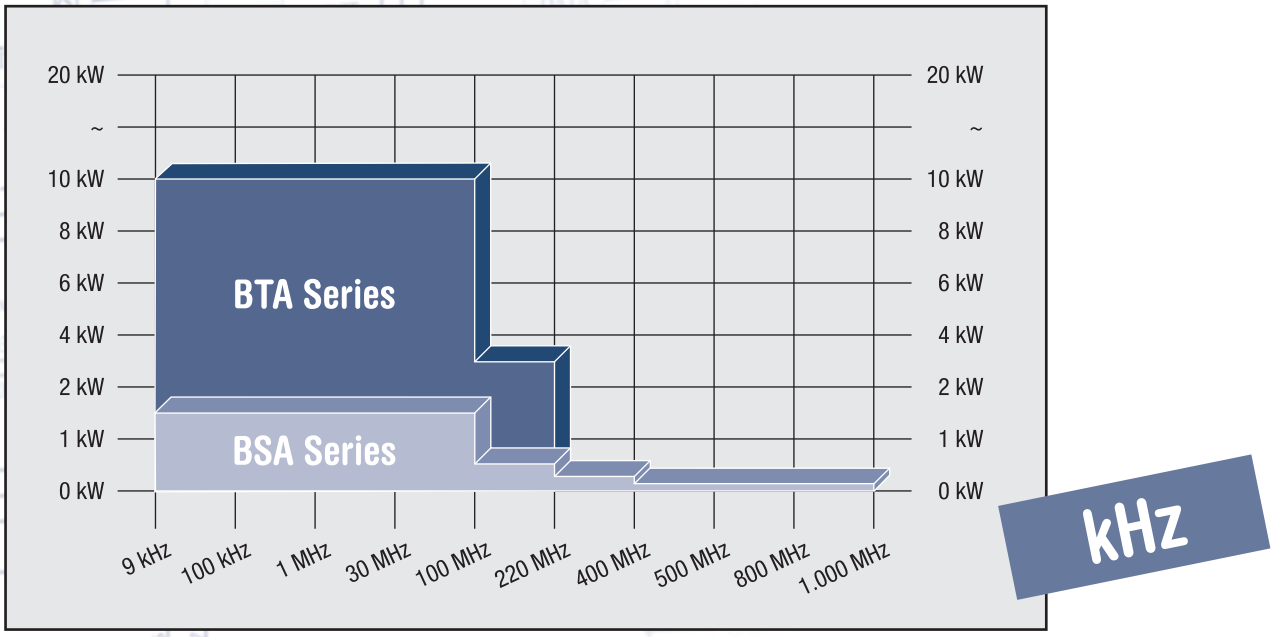
9 kHz ... 40 GHz
1 mW ... 20 kW



BONN Elektronik

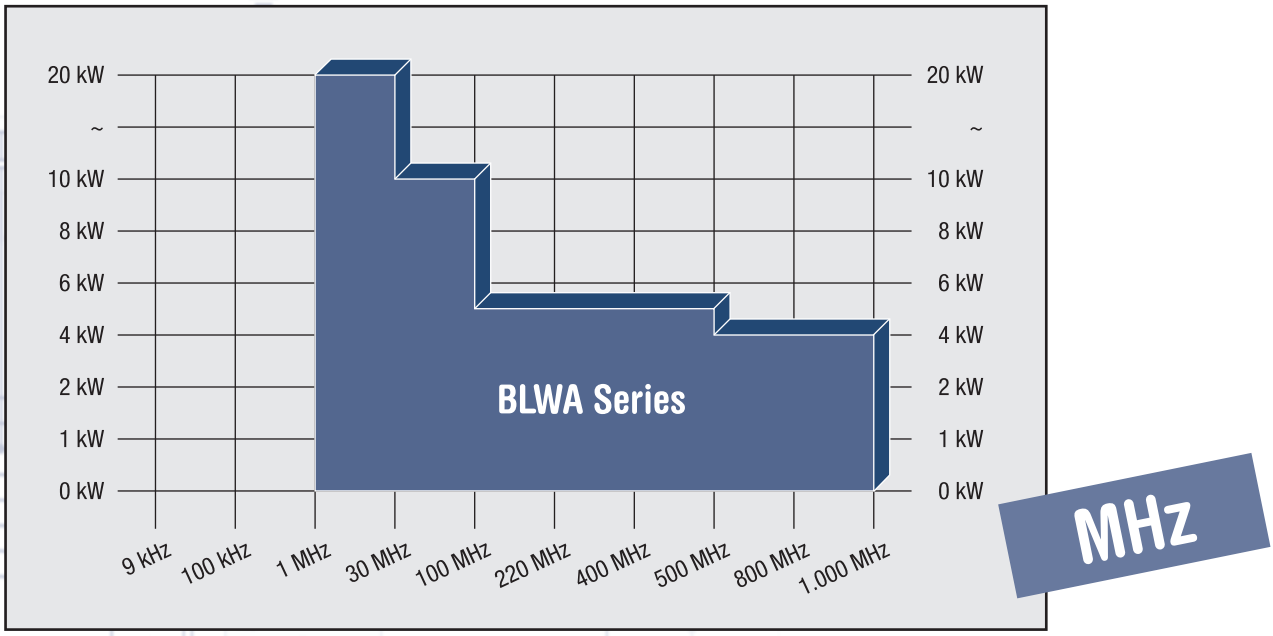
YOUR ULTIMATE RF POWER SOURCE

RF Power Amplifier Selection Charts



BSA Series *Page 4*
Solid State Amplifiers
9 kHz ... 1000 MHz
1 W ... 1.5 kW

BTA Series *Page 6*
Hybrid Amplifiers
9 kHz ... 220 MHz
1000 W ... 10 kW



BLWA Series *Page 6*
Solid State Amplifiers
1 MHz ... 1000 (4000) MHz
1 W ... 20 kW

Cellular Bands *Page 12*
Solid State Amplifiers
800 ... 2500 MHz
10 W ... 200 W

	250 ... 400 MHz 400 ... 500 MHz	300 / 350 100 / 120	54.8 / 57 ±2 53 / 55 ±2	20 / 20 20 / 20			
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BSA 1001-30D	100 kHz ... 1000 MHz 100 kHz ... 100 MHz 100 ... 1000 MHz	 30 / 35 30 / 35	 44.8 / 47 ±2 44.8 / 47 ±2	 20 / 20 20 / 20	180	2 HU, 430 mm	14
BSA 1001-50/75D	100 kHz ... 1000 MHz 100 kHz ... 400 MHz 400 ... 1000 MHz	 50 / 70 75 / 100	 47 / 49 ±2 48.8 / 51 ±2	 20 / 20 20 / 20	600	4 HU, 550 mm	26
BSA 1001-100D	100 kHz ... 1000 MHz 100 kHz ... 400 MHz 400 ... 1000 MHz	 100 / 120 100 / 120	 50 / 52 ±2 50 / 52 ±2	 20 / 20 20 / 20	650	4 HU, 550 mm	25
BSA 1001-150/125D	100 kHz ... 1000 MHz 100 kHz ... 400 MHz 400 ... 1000 MHz	 150 / 170 125 / 140	 51.8 / 54 ±2 51 / 53 ±2	 20 / 20 20 / 20	900	4 HU, 550 mm	35
BSA 1001-250D	100 kHz ... 1000 MHz 100 kHz ... 250 MHz 250 ... 1000 MHz	 250 / 300 250 / 300	 54 / 56 ±2 54 / 56 ±2	 20 / 20 20 / 20	1800	8 HU, 630 mm	81
BSA 1001-300/250D	100 kHz ... 1000 MHz 100 kHz ... 400 MHz 400 ... 1000 MHz	 300 / 350 250 / 300	 54.8 / 57 ±2 54 / 56 ±2	 20 / 20 20 / 20	2000	8 HU, 630 mm	81
BSA 1001-500/300D	100 kHz ... 1000 MHz 100 kHz ... 250 MHz 250 ... 400 MHz 400 ... 1000 MHz	 500 / 550 300 / 350 300 / 350	 57 / 59 ±2 54.8 / 57 ±2 54.8 / 57 ±2	 20 / 20 20 / 20 20 / 20	2200	8 HU, 630 mm	81

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BSA 1515-25	150 kHz ... 150 MHz	25 / 35	44 / 46 ±2	20 / 20	200	2 HU, 430 mm	12
BSA 1515-50	150 kHz ... 150 MHz	50 / 75	47 / 49 ±2	20 / 20	250	2 HU, 430 mm	14

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BSA 1501-1	150 kHz ... 1000 MHz	1 / 1.5	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BSA 1501-5	150 kHz ... 1000 MHz	5 / 7	37 / 39 ±2	20 / 20	100	2 HU, 430 mm	11
BSA 1501-10	150 kHz ... 1000 MHz	10 / 12	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	12

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BSA 1503-10D	150 kHz ... 3000 MHz 150 kHz ... 1000 MHz 1000 ... 3000 MHz	 10 / 12 10 / 13	 40 / 42 ±2 40 / 43 ±3	 20 / 20 15 / 20	200	2 HU, 430 mm	14

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BSA 4855-5000	480 ... 550 kHz	5000 / 6000	68 / 70 ±2	20 / 12	20000	37 HU, 800 mm	500

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BSA 5001-1	500 kHz ... 1000 MHz	1 / 1.5	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BSA 5001-2	500 kHz ... 1000 MHz	2 / 2.5	33 / 35 ±2	20 / 20	75	2 HU, 430 mm	11
BSA 5001-5	500 kHz ... 1000 MHz	5 / 7	37 / 39 ±2	18 / 20	100	2 HU, 430 mm	11
BSA 5001-10	500 kHz ... 1000 MHz	10 / 12	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	12

BTA

Anzahl Modellreihen: 1

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BTA 0122-2000	9 kHz ... 220 MHz	2000 / 2200	63 / 66 ±3	12 / 18	25000	18 HU, 800 mm	220
BTA 0122-3000	9 kHz ... 220 MHz	3000 / 3300	64.8 / 67.5 ±2.5	12 / 18	25000	32 HU, 800 mm	325

BLWA

Anzahl Modellreihen: 27

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0103-100	1.5 ... 30 MHz	100 / 120	50 / 52 ±2	20 / 20	400	4 HU, 550 mm	19
BLWA 0103-250	1.5 ... 30 MHz	250 / 300	54 / 56 ±2	20 / 18	800	4 HU, 550 mm	22
BLWA 0103-500	1.5 ... 30 MHz	500 / 600	57 / 59 ±2	20 / 12	2000	4 HU, 630 mm	35
BLWA 0103-1000	1.5 ... 30 MHz	1000 / 1200	60 / 62 ±2	20 / 12	4500	7 HU, 630 mm	80
BLWA 0103-1500	1.5 ... 30 MHz	1500 / 2200	61.8 / 64 ±2	20 / 12	5000	7 HU, 630 mm	100
BLWA 0103-3000	1.5 ... 30 MHz	3000 / 4000	64.8 / 67 ±2	20 / 12	10000	12 HU, 630 mm	200
BLWA 0103-5000	1.5 ... 30 MHz	5000 / 6000	67 / 69 ±2	20 / 12	20000	32 HU, 800 mm	400
BLWA 0103-10000	1.5 ... 30 MHz	10000 / 12000	70 / 72 ±2	20 / 12	40000	2x 32 HU, 800 mm	800
BLWA 0103-20000	1.5 ... 30 MHz	20000 / 22000	73 / 75 ±2	20 / 12	80000	4x 32 HU, 800 mm	1600

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0303-1000	3 ... 30 MHz	1000 / 1200	60 / 62 ±2	20 / 10	3000	4 HU, 630 mm	38

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0150-2	1 ... 500 MHz	2 / 2.5	33 / 35 ±2	20 / 20	75	2 HU, 430 mm	11
BLWA 0150-5	1 ... 500 MHz	5 / 6	37 / 39 ±2	20 / 20	100	2 HU, 430 mm	11
BLWA 0150-10	1 ... 500 MHz	10 / 12	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	12
BLWA 0150-25	1 ... 500 MHz	25 / 30	44 / 46 ±2	20 / 20	180	2 HU, 430 mm	13
BLWA 0150-50	1 ... 500 MHz	50 / 60	47 / 49 ±2	20 / 20	300	3 HU, 550 mm	18

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0110-1	1 ... 1000 MHz	1 / 1.5	30 / 32 ±2	20 / 20	120	2 HU, 430 mm	10
BLWA 0110-3	1 ... 1000 MHz	3 / 3.5	34.8 / 37 ±2	20 / 20	140	2 HU, 430 mm	10
BLWA 0110-5	1 ... 1000 MHz	5 / 6	37 / 39 ±2	20 / 20	150	2 HU, 430 mm	10
BLWA 0110-10	1 ... 1000 MHz	10 / 12	40 / 42 ±2	20 / 20	170	2 HU, 430 mm	10
BLWA 0110-30	1 ... 1000 MHz	30 / 50	44.8 / 47 ±2	20 / 12	300	2 HU, 430 mm	14
BLWA 0110-60	1 ... 1000 MHz	60 / 90	47.8 / 50 ±2	20 / 15	600	3 HU, 430 mm	17

BLWA 0110-100	1 ... 1000 MHz	100 / 130	50 / 52 ±2	20 / 20	1500	5 HU, 630 mm	35

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0210-100	20 ... 100 MHz	100 / 120	50 / 52 ±2	20 / 15	450	4 HU, 550 mm	20
BLWA 0210-200	20 ... 100 MHz	200 / 250	53 / 55 ±2	20 / 15	800	4 HU, 550 mm	30
BLWA 0210-500	20 ... 100 MHz	500 / 600	57 / 59 ±2	20 / 15	1800	4 HU, 630 mm	35
BLWA 0210-1000	20 ... 100 MHz	1000 / 1200	60 / 62 ±2	20 / 15	4000	9 HU, 630 mm	80
BLWA 0210-1250	20 ... 100 MHz	1250 / 1400	61 / 63 ±2	20 / 15	5000	9 HU, 630 mm	100
BLWA 0210-1800	20 ... 100 MHz	1800 / 2000	62.5 / 65 ±2	20 / 15	7500	11 HU, 630 mm	135
BLWA 0210-2500	20 ... 100 MHz	2500 / 2700	64 / 66 ±2	20 / 15	12000	12 HU, 630 mm	200
BLWA 0210-3000	20 ... 100 MHz	3000 / 3300	64.8 / 67 ±2	20 / 15	20000	18 HU, 800 mm	300
BLWA 0210-4000	20 ... 100 MHz	4000 / 4500	66 / 68 ±2	20 / 15	23000	24 HU, 800 mm	400
BLWA 0210-5000	20 ... 100 MHz	5000 / 5500	67 / 69 ±2	20 / 15	30000	37 HU, 800 mm	460
BLWA 0210-7000	20 ... 100 MHz	7000 / 8000	68.4 / 71 ±2	20 / 15	35000	2x 32 HU, 800 mm	590
BLWA 0210-10000	20 ... 100 MHz	10000 / 11000	70 / 72 ±2	20 / 12	60000	2x 37 HU, 800 mm	1000

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0211-100	20 ... 110 MHz	100 / 120	50 / 52 ±2	20 / 15	450	4 HU, 550 mm	20
BLWA 0211-200	20 ... 110 MHz	200 / 250	53 / 55 ±2	20 / 15	800	4 HU, 550 mm	30
BLWA 0211-500	20 ... 110 MHz	500 / 600	57 / 59 ±2	20 / 15	1800	4 HU, 630 mm	35
BLWA 0211-1000	20 ... 110 MHz	1000 / 1200	60 / 62 ±2	20 / 15	4000	9 HU, 630 mm	80
BLWA 0211-1250	20 ... 110 MHz	1250 / 1400	61 / 63 ±2	20 / 15	5000	9 HU, 630 mm	100
BLWA 0211-1800	20 ... 110 MHz	1800 / 2000	62.5 / 65 ±2	20 / 15	7500	11 HU, 630 mm	135
BLWA 0211-2500	20 ... 110 MHz	2500 / 2700	64 / 66 ±2	20 / 15	12000	12 HU, 630 mm	200
BLWA 0211-3000	20 ... 110 MHz	3000 / 3300	64.8 / 67 ±2	20 / 15	20000	18 HU, 800 mm	300
BLWA 0211-4000	20 ... 110 MHz	4000 / 4500	66 / 68 ±2	20 / 15	23000	24 HU, 800 mm	400
BLWA 0211-5000	20 ... 110 MHz	5000 / 5500	67 / 69 ±2	20 / 15	30000	37 HU, 800 mm	460
BLWA 0211-7000	20 ... 110 MHz	7000 / 8000	68.4 / 71 ±2	20 / 15	35000	2x 32 HU, 800 mm	590
BLWA 0211-10000	20 ... 110 MHz	10000 / 11000	70 / 72 ±2	20 / 12	60000	2x 37 HU, 800 mm	1000

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0213-100	20 ... 130 MHz	100 / 120	50 / 52 ±2	20 / 15	450	4 HU, 550 mm	20
BLWA 0213-200	20 ... 130 MHz	200 / 250	53 / 55 ±2	20 / 15	800	4 HU, 550 mm	30
BLWA 0213-500	20 ... 130 MHz	500 / 600	57 / 59 ±2	20 / 15	1800	4 HU, 630 mm	35
BLWA 0213-1000	20 ... 130 MHz	1000 / 1200	60 / 62 ±2	20 / 15	5000	8 HU, 630 mm	100
BLWA 0213-1250	20 ... 130 MHz	1250 / 1400	61 / 63 ±2	20 / 15	7500	8 HU, 630 mm	150
BLWA 0213-1800	20 ... 130 MHz	1800 / 2000	62.5 / 65 ±2	20 / 15	12000	12 HU, 630 mm	200
BLWA 0213-2500	20 ... 130 MHz	2500 / 2700	64 / 66 ±2	20 / 15	12000	12 HU, 630 mm	200
BLWA 0213-3000	20 ... 130 MHz	3000 / 3300	64.8 / 67 ±2	20 / 15	20000	18 HU, 800 mm	300
BLWA 0213-4000	20 ... 130 MHz	4000 / 4500	66 / 68 ±2	20 / 15	23000	24 HU, 800 mm	400
BLWA 0213-5000	20 ... 130 MHz	5000 / 5500	67 / 69 ±2	20 / 15	30000	37 HU, 800 mm	460
BLWA 0213-7000	20 ... 130 MHz	7000 / 8000	68.4 / 71 ±2	20 / 15	35000	2x 32 HU, 800 mm	590
BLWA 0213-10000	20 ... 130 MHz	10000 / 11000	70 / 72 ±2	20 / 12	60000	2x 37 HU, 800 mm	1000

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0250-15	20 ... 500 MHz	15 / 18	41.8 / 44 ±2	20 / 15	250	2 HU, 430 mm	12
BLWA 0250-35	20 ... 500 MHz	35 / 40	45.4 / 48 ±2	20 / 20	280	2 HU, 430 mm	13
BLWA 0250-60	20 ... 500 MHz	60 / 70	47.8 / 50 ±2	20 / 15	350	2 HU, 430 mm	13
BLWA 0250-85	20 ... 500 MHz	85 / 100	49.3 / 52 ±2	20 / 15	500	4 HU, 550 mm	30
BLWA 0250-125	20 ... 500 MHz	125 / 135	51 / 53 ±2	20 / 15	1000	4 HU, 550 mm	35
BLWA 0250-250	20 ... 500 MHz	250 / 300	54 / 56 ±2	15 / 20	1250	5 HU, 630 mm	40
BLWA 0250-500	20 ... 500 MHz	500 / 600	57 / 59 ±2	15 / 20	2500	5 HU, 630 mm	45
BLWA 0250-700	20 ... 500 MHz	700 / 800	58.4 / 61 ±2	15 / 20	3500	5 HU, 630 mm	50
BLWA 0250-1000	20 ... 500 MHz	1000 / 1200	60 / 62 ±2	15 / 20	5000	8 HU, 630 mm	75

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 021O-1	20 ... 1000 MHz	1 / 1.5	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BLWA 021O-3	20 ... 1000 MHz	3 / 3.5	34.8 / 37 ±2	20 / 20	100	2 HU, 430 mm	11
BLWA 021O-5	20 ... 1000 MHz	5 / 6	37 / 39 ±2	20 / 20	150	2 HU, 430 mm	11
BLWA 021O-10	20 ... 1000 MHz	10 / 12	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	12
BLWA 021O-30	20 ... 1000 MHz	30 / 35	44.8 / 47 ±2	20 / 20	200	2 HU, 430 mm	13
BLWA 021O-50	20 ... 1000 MHz	50 / 60	47 / 50 ±3	20 / 12	250	2 HU, 430 mm	13
BLWA 021O-100	20 ... 1000 MHz	100 / 120	50 / 52 ±2	20 / 20	800	4 HU, 550 mm	24
BLWA 021O-150	20 ... 1000 MHz	150 / 200	51.8 / 54 ±2	20 / 20	1500	5 HU, 630 mm	40
BLWA 021O-300	20 ... 1000 MHz	300 / 330	54.8 / 57 ±2	20 / 15	1900	4 HU, 630 mm	42
BLWA 021O-500	20 ... 1000 MHz	500 / 550	57 / 59 ±2	20 / 15	4000	8 HU, 630 mm	58
BLWA 021O-350/200/100D	20 ... 1000 MHz 20 ... 100 MHz 100 ... 400 MHz 400 ... 1000 MHz	 350 / 400 200 / 220 100 / 120	 55.4 / 58 ±2 53 / 55 ±2 50 / 52 ±2	 20 / 15 20 / 15 20 / 20	1000	8 HU, 630 mm	60

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0225-5	20 ... 2500 MHz	5 / 7	37 / 40 ±3	12 / 15	70	2 HU, 430 mm	13
BLWA 0225-10	20 ... 2500 MHz	10 / 12	40 / 43 ±3	12 / 15	100	2 HU, 430 mm	13
BLWA 0225-25/20D	20 ... 2500 MHz 20 ... 500 MHz 500 ... 2500 MHz	 25 / 30 20 / 25	 44 / 46 ±2 43 / 45 ±2	 20 / 15 15 / 15	200	3 HU, 430 mm	15
BLWA 0225-50D	20 ... 2500 MHz 20 ... 500 MHz 500 ... 2500 MHz	 50 / 60 50 / 60	 57 / 60 ±3 57 / 60 ±3	 20 / 15 15 / 20	400	3 HU, 430 mm	20

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0230-5D	20 ... 3000 MHz 20 ... 1000 MHz 1000 ... 3000 MHz	 5 / 6 5 / 6	 37 / 39 ±2 37 / 40 ±3	 20 / 20 15 / 20	200	2 HU, 430 mm	13

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0510-1	47 ... 1000 MHz	1 / 1.5	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BLWA 0510-3	47 ... 1000 MHz	3 / 3.5	34.8 / 37 ±2	20 / 20	100	2 HU, 430 mm	11
BLWA 0510-5	47 ... 1000 MHz	5 / 6	37 / 39 ±2	20 / 20	150	2 HU, 430 mm	12
BLWA 0510-10	47 ... 1000 MHz	10 / 12	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	12
BLWA 0510-30	47 ... 1000 MHz	30 / 35	44.8 / 47 ±2	20 / 20	200	2 HU, 430 mm	12
BLWA 0510-50	47 ... 1000 MHz	50 / 60	47 / 49 ±2	20 / 20	400	4 HU, 550 mm	22
BLWA 0510-100	47 ... 1000 MHz	100 / 120	50 / 52 ±2	20 / 20	900	4 HU, 550 mm	26
BLWA 0510-150	47 ... 1000 MHz	150 / 180	51.8 / 54 ±2	20 / 20	1500	5 HU, 630 mm	40
BLWA 0510-350/200/100D	47 ... 1000 MHz 47 ... 100 MHz 100 ... 400 MHz 400 ... 1000 MHz	 350 / 400 200 / 220 100 / 120	 55.4 / 58 ±2 53 / 55 ±2 50 / 52 ±2	 20 / 15 20 / 15 20 / 20	1000	8 HU, 630 mm	60

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0840-150	80 ... 400 MHz	150 / 180	51.8 / 54 ±2	20 / 15	800	3 HU, 550 mm	30
BLWA 0840-250	80 ... 400 MHz	250 / 300	54 / 56 ±2	20 / 15	1600	4 HU, 630 mm	35
BLWA 0840-500	80 ... 400 MHz	500 / 600	57 / 59 ±2	20 / 15	3000	6 HU, 630 mm	55
BLWA 0840-750	80 ... 400 MHz	750 / 900	58.8 / 61 ±2	20 / 15	4500	8 HU, 630 mm	120
BLWA 0840-1000	80 ... 400 MHz	1000 / 1150	60 / 62 ±2	20 / 15	8000	16 HU, 630 mm	180
BLWA 0840-1500	80 ... 400 MHz	1500 / 1700	61.8 / 64 ±2	20 / 15	10000	19 HU, 630 mm	200
BLWA 0840-2000	80 ... 400 MHz	2000 / 2200	63 / 65 ±2	20 / 15	17000	41 HU, 800 mm	300
BLWA 0840-3000	80 ... 400 MHz	3000 / 3300	64.8 / 67 ±2	20 / 15	20000	41 HU, 800 mm	400
BLWA 0840-4000	80 ... 400 MHz	4000 / 4400	66 / 68 ±2	20 / 15	35000	2x 32 HU, 800 mm	600
BLWA 0840-5000	80 ... 400 MHz	5000 / 5500	67 / 69 ±2	20 / 15	45000	2x 32 HU, 800 mm	800

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0850-60	80 ... 500 MHz	60 / 70	47.8 / 50 ±2	20 / 18	300	2 HU, 430 mm	14

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0810-10	80 ... 1000 MHz	10 / 12	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	11
BLWA 0810-30	80 ... 1000 MHz	30 / 35	44.8 / 47 ±2	20 / 20	200	2 HU, 430 mm	11
BLWA 0810-50	80 ... 1000 MHz	50 / 60	47 / 49 ±2	20 / 20	400	3 HU, 550 mm	20
BLWA 0810-100	80 ... 1000 MHz	100 / 120	50 / 52 ±2	20 / 20	900	4 HU, 550 mm	26
BLWA 0810-125	80 ... 1000 MHz	125 / 140	51 / 53 ±2	25 / 25	950	4 HU, 550 mm	27
BLWA 0810-150	80 ... 1000 MHz	150 / 160	51.8 / 54 ±2	25 / 25	1000	4 HU, 550 mm	27
BLWA 0810-200/100	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 200 / 240 100 / 160	 53 / 55 ±2 50 / 52 ±2	 25 / 20 25 / 20	950	4 HU, 550 mm	25
BLWA 0810-250	80 ... 1000 MHz	250 / 300	54 / 56 ±2	20 / 20	1900	4 HU, 630 mm	33
BLWA 0810-400/200	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 400 / 440 200 / 220	 56 / 58 ±2 53 / 55 ±2	 20 / 20 20 / 20	2000	4 HU, 630 mm	33
BLWA 0810-400	80 ... 1000 MHz	400 / 450	56 / 58 ±2	20 / 20	3100	6 HU, 630 mm	73
BLWA 0810-500/200D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 500 / 600 200 / 220	 57 / 59 ±2 53 / 55 ±2	 20 / 15 20 / 20	3300	9 HU, 630 mm	85
BLWA 0810-500/350D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 500 / 600 350 / 400	 57 / 59 ±2 55.4 / 58 ±2	 20 / 15 20 / 20	3300	9 HU, 630 mm	95
BLWA 0810-500D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 500 / 600 500 / 600	 57 / 59 ±2 57 / 59 ±2	 20 / 15 20 / 20	3800	10 HU, 630 mm	100
BLWA 0810-500	80 ... 1000 MHz	500 / 600	57 / 59 ±2	20 / 20	4000	6 HU, 630 mm	70
BLWA 0810-650	80 ... 1000 MHz	650 / 750	58.1 / 61 ±2	20 / 20	7000	21 HU, 800 mm	250
BLWA 0810-750/400	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 750 / 850 400 / 500	 58.8 / 61 ±2 56 / 58 ±2	 20 / 20 20 / 20	4000	6 HU, 630 mm	68
BLWA 0810-750/500	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 750 / 850 500 / 600	 58.8 / 61 ±2 57 / 59 ±2	 20 / 20 20 / 20	4000	6 HU, 630 mm	68
BLWA 0810-750/700D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 750 / 850 700 / 850	 58.8 / 61 ±2 58.4 / 61 ±2	 20 / 15 20 / 20	5000	15 HU, 630 mm	145
BLWA 0810-1000/400	80 ... 1000 MHz 80 ... 200 MHz 200 ... 1000 MHz	 1000 / 1100 400 / 500	 60 / 62 ±2 56 / 58 ±2	 18 / 20 20 / 20	4000	6 HU, 630 mm	73
BLWA 0810-1000/500D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 1000 / 1150 500 / 600	 60 / 62 ±2 57 / 59 ±2	 20 / 15 20 / 20	9000	21 HU, 800 mm	220
BLWA 0810-1000/700D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 1000 / 1150 700 / 850	 60 / 62 ±2 58.4 / 61 ±2	 20 / 15 20 / 20	9000	21 HU, 800 mm	240
BLWA 0810-1000D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 1000 / 1150 1000 / 1150	 60 / 62 ±2 60 / 62 ±2	 20 / 15 20 / 20	9000	21 HU, 800 mm	260
BLWA 0810-1000	80 ... 1000 MHz	1000 / 1200	60 / 62 ±2	20 / 20	8500	18 HU, 800 mm	195
BLWA 0810-1400/700	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 1400 / 1500 700 / 850	 61.5 / 64 ±2 58.4 / 61 ±2	 20 / 20 20 / 20	8000	21 HU, 800 mm	260
BLWA 0810-1500/700D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 1500 / 1700 700 / 850	 61.8 / 64 ±2 58.4 / 61 ±2	 20 / 15 20 / 20	11000	24 HU, 800 mm	300
BLWA 0810-1500/1000D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 1500 / 1700 1000 / 1150	 61.8 / 64 ±2 60 / 62 ±2	 20 / 15 20 / 20	11000	41 HU, 800 mm	400
BLWA 0810-1500/1000	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 1500 / 1700 1000 / 1150	 61.8 / 64 ±2 60 / 62 ±2	 20 / 20 20 / 20	15000	37 HU, 800 mm	445
BLWA 0810-1500D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	 1500 / 1700 1500 / 1700	 61.8 / 64 ±2 61.8 / 64 ±2	 20 / 15 20 / 20	11000	37 HU, 800 mm	450
BLWA 0810-2000/1000/700					15000	32 HU, 800 mm	420

	80 ... 1000 MHz 80 ... 280 MHz 280 ... 480 MHz 480 ... 1000 MHz	2000 / 2200 1000 / 1150 700 / 750	63 / 65 ±2 60 / 62 ±2 58.4 / 61 ±2	20 / 20 20 / 20 20 / 20			
BLWA 0810-2000/1000D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	2000 / 2200 1000 / 1150	63 / 65 ±2 60 / 62 ±2	20 / 15 20 / 20	18000	2x 32 HU, 800 mm	550
BLWA 0810-2000/1500D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	2000 / 2200 1500 / 1700	63 / 65 ±2 61.8 / 64 ±2	20 / 15 20 / 20	18000	2x 32 HU, 800 mm	600
BLWA 0810-2000/1500	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	2000 / 2200 1500 / 1700	63 / 65 ±2 61.8 / 64 ±2	20 / 20 20 / 20	17000	24 HU, 800 mm	310
BLWA 0810-2000D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	2000 / 2200 2000 / 2200	63 / 65 ±2 63 / 65 ±2	20 / 15 20 / 20	18000	2x 32 HU, 800 mm	600
BLWA 0810-2000	80 ... 1000 MHz	2000 / 2200	63 / 65 ±2	20 / 20	32000	2x 32 HU, 800 mm	680
BLWA 0810-3000/2000D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	3000 / 3500 2000 / 2200	64.8 / 67 ±2 63 / 65 ±2	20 / 20 20 / 20	25000	2x 32 HU, 800 mm	700
BLWA 0810-5000/3000D	80 ... 1000 MHz 80 ... 400 MHz 400 ... 1000 MHz	5000 / 5500 3000 / 3500	67 / 69 ±2 65 / 67 ±2	20 / 20 20 / 20	45000	3x 37 HU, 800 mm	1200

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0820-150D	80 ... 2000 MHz 80 ... 500 MHz 500 ... 2000 MHz	150 / 180 150 / 180	51.8 / 54 ±2 51.8 / 54 ±2	20 / 15 15 / 20	900	5 HU, 630 mm	38
BLWA 0820-200/100/30D	80 ... 2000 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 2000 mHz	200 / 240 100 / 150 30 / 35	53 / 55 ±2 50 / 52 ±2 44.8 / 47 ±2	20 / 15 20 / 20 20 / 20	800	5 HU, 630 mm	36
BLWA 0820-200/100/60D	80 ... 2000 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 2000 mHz	200 / 240 100 / 150 60 / 70	53 / 55 ±2 50 / 52 ±2 47.8 / 50 ±2	20 / 15 20 / 20 20 / 20	800	5 HU, 630 mm	38
BLWA 0820-200D	80 ... 2000 MHz 80 ... 500 MHz 500 ... 2000 MHz	200 / 240 200 / 240	53 / 55 ±2 53 / 56 ±3	20 / 20 15 / 15	1100	4 HU, 630 mm	39

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0825-200/100/35D	80 ... 2500 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 2500 MHz	200 / 240 100 / 150 35 / 40	53 / 55 ±2 50 / 52 ±2 45.4 / 48 ±2	20 / 15 20 / 20 20 / 20	800	5 HU, 630 mm	38
BLWA 0825-200/100/70D	80 ... 2500 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 2500 MHz	200 / 240 100 / 150 70 / 80	53 / 55 ±2 50 / 52 ±2 48.5 / 51 ±2	20 / 15 20 / 20 20 / 20	800	6 HU, 630 mm	54
BLWA 0825-200/150D	80 ... 2500 MHz 80 ... 500 MHz 500 ... 2500 MHz	200 / 225 150 / 180	53 / 55 ±2 51.8 / 54 ±2	20 / 20 15 / 20	1300	5 HU, 630 mm	40

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0830-10D	80 ... 3000 MHz 80 ... 1000 MHz 1000 ... 3000 MHz	10 / 15 10 / 15	40 / 42 ±2 40 / 42 ±2	20 / 20 15 / 20	180	2 HU, 430 mm	14
BLWA 0830-30/20D	80 ... 3000 MHz 80 ... 1000 MHz 1000 ... 3000 MHz	30 / 35 20 / 25	44.8 / 47 ±2 43 / 45 ±2	20 / 20 15 / 20	200	2 HU, 430 mm	14
BLWA 0830-30D	80 ... 3000 MHz 80 ... 1000 MHz 1000 ... 3000 MHz	30 / 35 30 / 35	44.8 / 47 ±2 44.8 / 48 ±3	20 / 20 15 / 20	200	2 HU, 430 mm	14
BLWA 0830-50/40D	80 ... 3000 MHz 80 ... 500 MHz 500 ... 3000 MHz	50 / 80 40 / 60	47 / 50 ±3 46 / 49 ±3	20 / 15 15 / 20	650	3 HU, 430 mm	17
BLWA 0830-50D	80 ... 3000 MHz 80 ... 500 MHz 500 ... 3000 MHz	50 / 80 50 / 80	47 / 49 ±2 47 / 49 ±2	20 / 15 15 / 20	650	3 HU, 430 mm	17
BLWA 0830-200/100/20D	80 ... 3000 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 3000 MHz	200 / 240 100 / 150 20 / 25	53 / 55 ±2 50 / 52 ±2 43 / 45 ±2	20 / 15 20 / 20 15 / 20	900	5 HU, 630 mm	35
BLWA 0830-200/100/40D	80 ... 3000 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 3000 MHz	200 / 240 100 / 150 40 / 50	53 / 55 ±2 50 / 52 ±2 46 / 48 ±2	20 / 15 20 / 20 15 / 20	800	5 HU, 630 mm	36
BLWA 0830-200/100/80D	80 ... 3000 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 3000 MHz	200 / 240 100 / 150 80 / 100	53 / 55 ±2 50 / 52 ±2 49 / 51 ±2	20 / 15 20 / 20 12 / 20	800	5 HU, 630 mm	38
BLWA 0830-200D	80 ... 3000 MHz 80 ... 1000 MHz 1000 ... 3000 MHz	200 / 250 200 / 220	53 / 55 ±2 53 / 55 ±2	20 / 20 15 / 20	1800	8 HU, 630 mm	72
BLWA 0830-250/100D	80 ... 3000 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 3000 MHz	250 / 300 100 / 150 100 / 120	54 / 56 ±2 50 / 52 ±2 50 / 52 ±2	20 / 20 20 / 20 15 / 20	1400	5 HU, 630 mm	38
BLWA 0830-250/200/40D	80 ... 3000 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 3000 MHz	250 / 300 200 / 240 40 / 50	54 / 56 ±2 53 / 55 ±2 46 / 48 ±2	20 / 15 20 / 20 15 / 20	1600	6 HU, 630 mm	65
BLWA 0830-250/200/80D	80 ... 3000 MHz 80 ... 400 MHz 400 ... 1000 MHz 1000 ... 3000 MHz	250 / 300 200 / 240 80 / 100	54 / 56 ±2 53 / 55 ±2 49 / 51 ±2	20 / 15 20 / 20 12 / 20	1600	6 HU, 630 mm	67

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 084O-200/100/60/30D	80 ... 4000 MHz 80 ... 400 MHz	200 / 240	55 / 57 ±2	20 / 15	800	6 HU, 630 mm	62

	400 ... 1000 MHz	100 / 150	50 / 52 ±2	20 / 20			
	1000 ... 2000 MHz	60 / 70	47.8 / 50 ±2	20 / 20			
	2000 ... 4000 MHz	30 / 35	44.8 / 47 ±2	20 / 20			

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0860-250/100D	80 ... 6000 MHz 80 ... 1000 MHz 1000 ... 6000 MHz	 250 / 300 100 / 120	 54 / 56 ±2 50 / 53 ±3	 20 / 20 15 / 20	2000	6 HU, 630 mm	62

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 0818-10D	80 ... 18000 MHz 80 ... 2000 MHz 2000 ... 6000 MHz 6000 ... 18000 MHz	 10 / 12 10 / 12 10 / 12	 40 / 43 ±3 40 / 43 ±3 40 / 43 ±3	 12 / 15 15 / 15 15 / 20	200	3 HU, 550 mm	21
BLWA 0818-30/20D	80 ... 18000 MHz 80 ... 1000 MHz 1000 ... 6000 MHz 6000 ... 18000 MHz	 30 / 35 20 / 25 20 / 25	 44.8 / 47 ±2 43 / 46 ±3 43 / 46 ±3	 20 / 20 15 / 20 15 / 20	400	3 HU, 630 mm	27

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 1050-100	100 ... 500 MHz	100 / 120	50 / 52 ±2	20 / 12	400	3 HU, 550 mm	19
BLWA 1050-150	100 ... 500 MHz	150 / 180	51.8 / 54 ±2	20 / 15	800	4 HU, 550 mm	30
BLWA 1050-250	100 ... 500 MHz	250 / 300	54 / 56 ±2	20 / 15	1500	4 HU, 550 mm	35
BLWA 1050-500	100 ... 500 MHz	500 / 600	57 / 59 ±2	20 / 15	3000	6 HU, 630 mm	55
BLWA 1050-750	100 ... 500 MHz	750 / 900	58.8 / 61 ±2	20 / 15	4500	8 HU, 630 mm	120
BLWA 1050-1000	100 ... 500 MHz	1000 / 1150	60 / 62 ±2	20 / 15	8000	16 HU, 630 mm	180
BLWA 1050-1500	100 ... 500 MHz	1500 / 1700	61.8 / 64 ±2	20 / 15	10000	21 HU, 800 mm	200
BLWA 1050-2000	100 ... 500 MHz	2000 / 2200	63 / 65 ±2	20 / 15	17000	41 HU, 800 mm	300
BLWA 1050-2500	100 ... 500 MHz	2500 / 2700	64 / 66 ±2	20 / 15	20000	41 HU, 800 mm	400
BLWA 1050-4000	100 ... 500 MHz	4000 / 4400	66 / 68 ±2	20 / 15	35000	2x 32 HU, 800 mm	600
BLWA 1050-5000	100 ... 500 MHz	5000 / 5500	67 / 69 ±2	20 / 15	45000	2x 32 HU, 800 mm	800

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 2050-100	200 ... 500 MHz	100 / 120	50 / 52 ±2	20 / 15	350	3 HU, 550 mm	19
BLWA 2050-300	200 ... 500 MHz	300 / 330	54.8 / 57 ±2	20 / 20	1500	4 HU, 630 mm	35
BLWA 2050-500	200 ... 500 MHz	500 / 600	57 / 59 ±2	20 / 20	2500	5 HU, 630 mm	43
BLWA 2050-750	200 ... 500 MHz	750 / 850	58.8 / 61 ±2	20 / 20	4000	6 HU, 630 mm	80
BLWA 2050-1000	200 ... 500 MHz	1000 / 1150	60 / 62 ±2	20 / 20	6000	8 HU, 630 mm	120
BLWA 2050-1500	200 ... 500 MHz	1500 / 1700	61.8 / 64 ±2	20 / 20	8000	16 HU, 630 mm	180
BLWA 2050-2000	200 ... 500 MHz	2000 / 2200	63 / 65 ±2	20 / 20	10000	19 HU, 630 mm	200
BLWA 2050-2500	200 ... 500 MHz	2500 / 2700	64 / 66 ±2	20 / 20	17000	41 HU, 800 mm	300
BLWA 2050-3500	200 ... 500 MHz	3500 / 4000	65.4 / 68 ±2	20 / 20	20000	41 HU, 800 mm	400
BLWA 2050-4500	200 ... 500 MHz	4500 / 5000	65.5 / 68 ±2	20 / 20	35000	2x 32 HU, 800 mm	600
BLWA 2050-6000	200 ... 500 MHz	6000 / 6500	67.8 / 70 ±2	20 / 20	45000	2x 32 HU, 800 mm	600

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 2010-10	200 ... 1000 MHz	10 / 13	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	12
BLWA 2010-30	200 ... 1000 MHz	30 / 40	44.8 / 47 ±2	20 / 20	200	2 HU, 430 mm	12
BLWA 2010-40	200 ... 1000 MHz	40 / 45	46 / 48 ±2	20 / 20	300	2 HU, 430 mm	13
BLWA 2010-60	200 ... 1000 MHz	60 / 70	47.8 / 50 ±2	20 / 20	400	3 HU, 550 mm	22
BLWA 2010-125	200 ... 1000 MHz	125 / 140	51 / 53 ±2	20 / 20	800	3 HU, 630 mm	25
BLWA 2010-250	200 ... 1000 MHz	250 / 300	54 / 56 ±2	20 / 20	2000	4 HU, 630 mm	35
BLWA 2010-400	200 ... 1000 MHz	400 / 450	56 / 58 ±2	20 / 20	3300	9 HU, 630 mm	92
BLWA 2010-500/350D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 500 / 600 350 / 400	 57 / 59 ±2 55.4 / 58 ±2	 20 / 20 20 / 20	3300	9 HU, 630 mm	95
BLWA 2010-500D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 500 / 600 500 / 600	 57 / 59 ±2 57 / 59 ±2	 20 / 20 20 / 20	3800	10 HU, 630 mm	95
BLWA 2010-750/350D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 750 / 900 350 / 400	 58.8 / 61 ±2 55.5 / 58 ±2	 20 / 20 20 / 20	5000	13 HU, 630 mm	135
BLWA 2010-750/500D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 750 / 900 500 / 600	 58.8 / 61 ±2 57 / 59 ±2	 20 / 20 20 / 20	5000	13 HU, 630 mm	135
BLWA 2010-750/700D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 750 / 900 700 / 850	 58.8 / 61 ±2 58.5 / 61 ±2	 20 / 20 20 / 20	5000	13 HU, 630 mm	135
BLWA 2010-750	200 ... 1000 MHz	750 / 850	58.8 / 61 ±2	20 / 15	7000	18 HU, 800 mm	165
BLWA 2010-1000/500D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 1000 / 1150 500 / 600	 60 / 62 ±2 58.5 / 61 ±2	 20 / 20 20 / 20	6000	15 HU, 630 mm	140
BLWA 2010-1000/700D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 1000 / 1150 700 / 850	 60 / 62 ±2 58.5 / 61 ±2	 20 / 20 20 / 20	6000	15 HU, 630 mm	140
BLWA 2010-1000D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 1000 / 1150 1000 / 1150	 60 / 62 ±2 60 / 62 ±2	 20 / 20 20 / 20	7500	18 HU, 800 mm	205
BLWA 2010-1200	200 ... 1000 MHz	1200 / 1400	60.8 / 63 ±2	20 / 20	12500	24 HU, 800 mm	250
BLWA 2010-1500/700D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 1500 / 1700 700 / 850	 61.8 / 64 ±2 58.5 / 61 ±2	 20 / 20 20 / 20	10000	24 HU, 800 mm	280
BLWA 2010-1500/1000D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 1500 / 1700 1000 / 1150	 61.8 / 64 ±2 60 / 62 ±2	 20 / 20 20 / 20	10000	41 HU, 800 mm	350
BLWA 2010-1500D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 1500 / 1700 1500 / 1700	 61.8 / 64 ±2 61.8 / 64 ±2	 20 / 20 20 / 20	10000	37 HU, 800 mm	400
BLWA 2010-2000/1000D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	 2000 / 2200 1000 / 1150	 61.8 / 64 ±2 60 / 62 ±2	 20 / 20 20 / 20	11000	37 HU, 800 mm	420
BLWA 2010-2000/1500D					11000	37 HU, 800 mm	450

	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	2000 / 2200 1500 / 1700	63 / 65 ±2 61.8 / 64 ±2	20 / 20 20 / 20			
BLWA 2010-2000D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	2000 / 2200 2000 / 2200	63 / 65 ±2 63 / 65 ±2	20 / 20 20 / 20	11000	2x 32 HU, 800 mm	600
BLWA 2010-2000	200 ... 1000 MHz	2000 / 2200	63 / 65 ±2	20 / 20	32000	2x 32 HU, 800 mm	680
BLWA 2010-3000/2000D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	3000 / 3500 2000 / 2200	65 / 67 ±2 63 / 65 ±2	20 / 20 20 / 20	25000	2x 32 HU, 800 mm	700
BLWA 2010-5000D	200 ... 1000 MHz 200 ... 500 MHz 500 ... 1000 MHz	5000 / 5500 5000 / 5500	67 / 69 ±2 67 / 69 ±2	20 / 20 20 / 20	45000	3x 37 HU, 800 mm	1000

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 4045-250	400 ... 450 MHz	250 / 300	54 / 55 ±1	15 / 15	1000	4 HU, 630 mm	38

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 4010-100	400 ... 1000 MHz	100 / 120	50 / 52 ±2	20 / 20	500	4 HU, 550 mm	18
BLWA 4010-125	400 ... 1000 MHz	125 / 140	51 / 53 ±2	20 / 20	500	4 HU, 550 mm	20
BLWA 4010-200	400 ... 1000 MHz	200 / 230	53 / 55 ±2	20 / 20	1000	4 HU, 550 mm	30
BLWA 4010-250	400 ... 1000 MHz	250 / 300	54 / 56 ±2	20 / 20	1200	4 HU, 630 mm	32
BLWA 4010-350	400 ... 1000 MHz	350 / 400	55.4 / 58 ±2	20 / 20	2200	4 HU, 630 mm	32
BLWA 4010-500	400 ... 1000 MHz	500 / 600	57 / 59 ±2	20 / 20	2700	5 HU, 630 mm	35
BLWA 4010-700	400 ... 1000 MHz	700 / 750	58.5 / 61 ±2	20 / 20	4000	8 HU, 630 mm	82
BLWA 4010-1000	400 ... 1000 MHz	1000 / 1150	60 / 62 ±2	20 / 20	4500	8 HU, 630 mm	85
BLWA 4010-1250	400 ... 1000 MHz	1250 / 1300	61 / 63 ±2	20 / 20	6000	18 HU, 800 mm	150
BLWA 4010-1500	400 ... 1000 MHz	1500 / 1700	61.8 / 64 ±2	20 / 20	7500	18 HU, 800 mm	150
BLWA 4010-2000	400 ... 1000 MHz	2000 / 2200	63 / 65 ±2	20 / 20	12000	24 HU, 800 mm	250
BLWA 4010-3000	400 ... 1000 MHz	3000 / 3300	64.8 / 67 ±2	20 / 20	15000	24 HU, 800 mm	250
BLWA 4010-4000	400 ... 1000 MHz	4000 / 4500	66 / 68 ±2	20 / 20	28000	37 HU, 800 mm	450
BLWA 4010-5000	400 ... 1000 MHz	5000 / 5500	67 / 69 ±2	20 / 20	34000	37 HU, 800 mm	450

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 5010-100	500 ... 1000 MHz	100 / 120	50 / 52 ±2	20 / 20	500	4 HU, 550 mm	18
BLWA 5010-125	500 ... 1000 MHz	125 / 140	51 / 53 ±2	20 / 20	500	4 HU, 550 mm	20
BLWA 5010-200	500 ... 1000 MHz	200 / 230	53 / 55 ±2	20 / 20	1000	4 HU, 550 mm	30
BLWA 5010-250	500 ... 1000 MHz	250 / 300	54 / 56 ±2	20 / 20	1200	4 HU, 550 mm	32
BLWA 5010-350	500 ... 1000 MHz	350 / 400	55.4 / 58 ±2	20 / 20	2200	4 HU, 630 mm	32
BLWA 5010-500	500 ... 1000 MHz	500 / 600	57 / 59 ±2	20 / 20	2700	5 HU, 630 mm	35
BLWA 5010-700	500 ... 1000 MHz	700 / 750	58.5 / 61 ±2	20 / 20	4000	8 HU, 630 mm	82
BLWA 5010-1000	500 ... 1000 MHz	1000 / 1150	60 / 62 ±2	20 / 20	4500	8 HU, 630 mm	85
BLWA 5010-1250	500 ... 1000 MHz	1250 / 1300	61 / 63 ±2	20 / 20	6000	18 HU, 800 mm	150
BLWA 5010-1500	500 ... 1000 MHz	1500 / 1700	61.8 / 64 ±2	20 / 20	7500	18 HU, 800 mm	150
BLWA 5010-2000	500 ... 1000 MHz	2000 / 2200	63 / 65 ±2	20 / 20	12000	24 HU, 800 mm	250
BLWA 5010-3000	500 ... 1000 MHz	3000 / 3300	64.8 / 67 ±2	20 / 20	15000	24 HU, 800 mm	250
BLWA 5010-4000	500 ... 1000 MHz	4000 / 4500	66 / 68 ±2	20 / 20	28000	37 HU, 800 mm	450
BLWA 5010-5000	500 ... 1000 MHz	5000 / 5500	67 / 69 ±2	20 / 20	34000	37 HU, 800 mm	450

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Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 8010-10	800 ... 1000 MHz	10 / 13	40 / 42 ±2	25 / 25	75	2 HU, 430 mm	12
BLWA 8010-25	800 ... 1000 MHz	25 / 30	44 / 46 ±2	25 / 25	150	2 HU, 430 mm	12
BLWA 8010-50	800 ... 1000 MHz	50 / 60	47 / 49 ±2	50 / 50	300	3 HU, 550 mm	15
BLWA 8010-90	800 ... 1000 MHz	90 / 110	49.5 / 52 ±2	50 / 50	500	3 HU, 550 mm	18
BLWA 8010-175	800 ... 1000 MHz	175 / 190	52.4 / 55 ±2	50 / 50	1200	4 HU, 630 mm	35

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 8996-10	890 ... 960 MHz	10 / 13	40 / 42 ±2	25 / 25	75	2 HU, 430 mm	12
BLWA 8996-25	890 ... 960 MHz	25 / 30	44 / 46 ±2	25 / 25	150	2 HU, 430 mm	12
BLWA 8996-50	890 ... 960 MHz	50 / 60	47 / 49 ±2	50 / 50	300	3 HU, 550 mm	15
BLWA 8996-100	890 ... 960 MHz	100 / 115	50 / 52 ±2	50 / 50	500	3 HU, 550 mm	18
BLWA 8996-200	890 ... 960 MHz	200 / 220	53 / 55 ±2	50 / 50	1200	4 HU, 630 mm	35

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLWA 9396-10	930 ... 960 MHz	10 / 13	40 / 42 ±2	25 / 25	75	2 HU, 430 mm	11
BLWA 9396-25	930 ... 960 MHz	25 / 30	44 / 46 ±2	25 / 25	150	2 HU, 430 mm	12
BLWA 9396-50	930 ... 960 MHz	50 / 60	47 / 49 ±2	50 / 50	300	3 HU, 550 mm	15
BLWA 9396-100	930 ... 960 MHz	100 / 115	50 / 52 ±2	50 / 50	500	3 HU, 550 mm	18
BLWA 9396-200	930 ... 960 MHz	200 / 220	53 / 55 ±2	50 / 50	1200	4 HU, 630 mm	35

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 1719-10	1.7 ... 1.9 GHz	10 / 13	40 / 42 ±2	50 / 50	75	2 HU, 430 mm	12
BLMA 1719-20	1.7 ... 1.9 GHz	20 / 25	43 / 45 ±2	50 / 50	180	2 HU, 430 mm	13
BLMA 1719-40	1.7 ... 1.9 GHz	40 / 50	46 / 48 ±2	50 / 50	500	3 HU, 550 mm	20
BLMA 1719-80	1.7 ... 1.9 GHz	80 / 100	49 / 51 ±2	50 / 50	650	4 HU, 550 mm	25
BLMA 1719-200	1.7 ... 1.9 GHz	200 / 220	53 / 55 ±2	50 / 50	1500	4 HU, 630 mm	40

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 1820-120	1.8 ... 2 GHz	120 / 140	51 / 53 ±2	50 / 50	750	4 HU, 630 mm	27

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 1822-10	1.8 ... 2.2 GHz	10 / 13	40 / 42 ±2	50 / 50	75	2 HU, 430 mm	12

BLMA 1822-20	1.8 ... 2.2 GHz	20 / 25	43 / 45 ±2	50 / 50	200	2 HU, 430 mm	14
BLMA 1822-40	1.8 ... 2.2 GHz	40 / 50	46 / 48 ±2	50 / 50	350	3 HU, 550 mm	16
BLMA 1822-100	1.8 ... 2.2 GHz	100 / 110	50 / 52 ±2	50 / 50	750	4 HU, 550 mm	27
BLMA 1822-180	1.8 ... 2.2 GHz	180 / 200	52 / 54 ±2	50 / 50	1500	4 HU, 630 mm	40
BLMA 1822-200/150	1.8 ... 2.2 GHz 1.8 ... 2.2 GHz 1.9 ... 2.1 GHz	150 / 170 200 / 220	51.8 / 54 ±2 53 / 55 ±2	50 / 50 50 / 50	1500	4 HU, 630 mm	40
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 1921-10	1.9 ... 2.1 GHz	10 / 13	40 / 42 ±2	50 / 50	75	2 HU, 430 mm	12
BLMA 1921-25	1.9 ... 2.1 GHz	25 / 30	44 / 46 ±2	50 / 50	200	2 HU, 430 mm	14
BLMA 1921-50	1.9 ... 2.1 GHz	50 / 60	47 / 49 ±2	50 / 50	350	2 HU, 430 mm	16
BLMA 1921-100	1.9 ... 2.1 GHz	100 / 110	50 / 52 ±2	50 / 50	650	4 HU, 550 mm	25
BLMA 1921-200	1.9 ... 2.1 GHz	200 / 210	53 / 55 ±2	50 / 50	1500	4 HU, 630 mm	40
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 2021-50	2110 ... 2170 MHz	50 / 60	47 / 49 ±2	50 / 50	400	3 HU, 550 mm	25
BLMA 2021-100	2110 ... 2170 MHz	100 / 110	50 / 52 ±2	50 / 50	750	4 HU, 550 mm	28
BLMA 2021-200	2110 ... 2170 MHz	200 / 220	53 / 55 ±2	50 / 50	1800	4 HU, 630 mm	32
BLMA 2021-400	2110 ... 2170 MHz	400 / 450	56 / 58 ±2	50 / 50	3600	7 HU, 630 mm	65
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 2123-500	2.1 ... 2.3 GHz	500 / 550	57 / 59 ±2	30 / 30	2450	4 HU, 630 mm	40
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 2125-10	2.1 ... 2.5 GHz	10 / 13	40 / 42 ±2	50 / 50	80	2 HU, 430 mm	12
BLMA 2125-25	2.1 ... 2.5 GHz	25 / 30	44 / 46 ±2	50 / 50	180	2 HU, 430 mm	18
BLMA 2125-50	2.1 ... 2.5 GHz	50 / 60	47 / 49 ±2	50 / 50	400	3 HU, 550 mm	25
BLMA 2125-100	2.1 ... 2.5 GHz	100 / 110	50 / 52 ±2	50 / 50	800	4 HU, 550 mm	28
BLMA 2125-150	2.1 ... 2.5 GHz	150 / 165	51.8 / 54 ±2	50 / 50	1500	4 HU, 630 mm	45
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 2325-10	2.3 ... 2.5 GHz	10 / 13	40 / 42 ±2	50 / 50	80	2 HU, 430 mm	12
BLMA 2325-25	2.3 ... 2.5 GHz	25 / 30	44 / 46 ±2	50 / 50	180	2 HU, 430 mm	18
BLMA 2325-50	2.3 ... 2.5 GHz	50 / 60	47 / 49 ±2	50 / 50	400	3 HU, 550 mm	25
BLMA 2325-100	2.3 ... 2.5 GHz	100 / 110	50 / 52 ±2	50 / 50	800	3 HU, 550 mm	28
BLMA 2325-150	2.3 ... 2.5 GHz	150 / 165	51.8 / 54 ±2	50 / 50	1500	4 HU, 630 mm	45
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 2527-300	2.5 ... 2.7 GHz	300 / 350	54.8 / 57 ±2	40 / 40	1500	4 HU, 630 mm	35
BLMA 2527-600	2.5 ... 2.7 GHz	600 / 650	57.8 / 60 ±2	40 / 40	3000	5 HU, 630 mm	52

BLMA

Anzahl Modellreihen: 55

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 0120-1	0.1 ... 2 GHz	1 / 1.2	30 / 33 ±3	20 / 15	50	2 HU, 430 mm	8
BLMA 0120-2	0.1 ... 2 GHz	2 / 2.3	33 / 36 ±3	15 / 20	60	2 HU, 430 mm	8
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 0118-0.1	0.1 ... 18 GHz	0.1 / 0.15	20 / 22 ±2	15 / 20	50	2 HU, 430 mm	11
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 0126-0.1	0.1 ... 26.5 GHz	0.1 / 0.15	20 / 23 ±3	15 / 20	30	2 HU, 430 mm	9
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 0438-40	0.4 ... 3.8 GHz	40 / 50	46 / 49 ±3	12 / 18	350	2 HU, 430 mm	13
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 0520-1	0.5 ... 2 GHz	1 / 1.3	30 / 32 ±2	20 / 20	50	2 HU, 430 mm	11
BLMA 0520-2	0.5 ... 2 GHz	2 / 2.2	33 / 35 ±2	20 / 20	100	2 HU, 430 mm	13
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 0525-10	0.5 ... 2.5 GHz	10 / 12	40 / 42 ±2	12 / 15	100	2 HU, 430 mm	11
BLMA 0525-20	0.5 ... 2.5 GHz	20 / 30	43 / 45 ±2	12 / 15	150	2 HU, 430 mm	12
BLMA 0525-35	0.5 ... 2.5 GHz	35 / 50	45.4 / 48 ±2	12 / 20	300	2 HU, 430 mm	13
BLMA 0525-75	0.5 ... 2.5 GHz	75 / 100	48.8 / 51 ±2	12 / 20	500	3 HU, 430 mm	19
BLMA 0525-140	0.5 ... 2.5 GHz	140 / 180	51.5 / 55 ±3	15 / 20	1000	3 HU, 630 mm	26
BLMA 0525-150S	0.8 ... 2.5 GHz	150 / 180	51.5 / 54 ±2	15 / 20	1000	3 HU, 630 mm	26
BLMA 0525-250	0.5 ... 2.5 GHz	250 / 300	54 / 56 ±2	15 / 20	2000	4 HU, 630 mm	39
BLMA 0525-400	0.5 ... 2.5 GHz	400 / 450	56 / 59 ±3	15 / 20	3000	6 HU, 630 mm	62
BLMA 0525-500	0.5 ... 2.5 GHz	500 / 600	57 / 59 ±2	15 / 20	3500	8 HU, 630 mm	88
Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 0530-10	0.5 ... 3 GHz	10 / 15	40 / 42 ±2	15 / 20	150	2 HU, 430 mm	13
BLMA 0530-40	0.5 ... 3 GHz	40 / 50	46 / 48 ±2	15 / 20	250	2 HU, 430 mm	13
BLMA 0530-50	0.5 ... 3 GHz	50 / 70	47 / 49 ±2	15 / 20	400	2 HU, 430 mm	13
BLMA 0530-80	0.5 ... 3 GHz	80 / 100	49 / 51 ±2	15 / 20	600	3 HU, 430 mm	16
BLMA 0530-150	0.5 ... 3 GHz	150 / 200	51.8 / 54 ±2	15 / 20	1200	3 HU, 630 mm	29
Model	Frequency Range		Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg

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