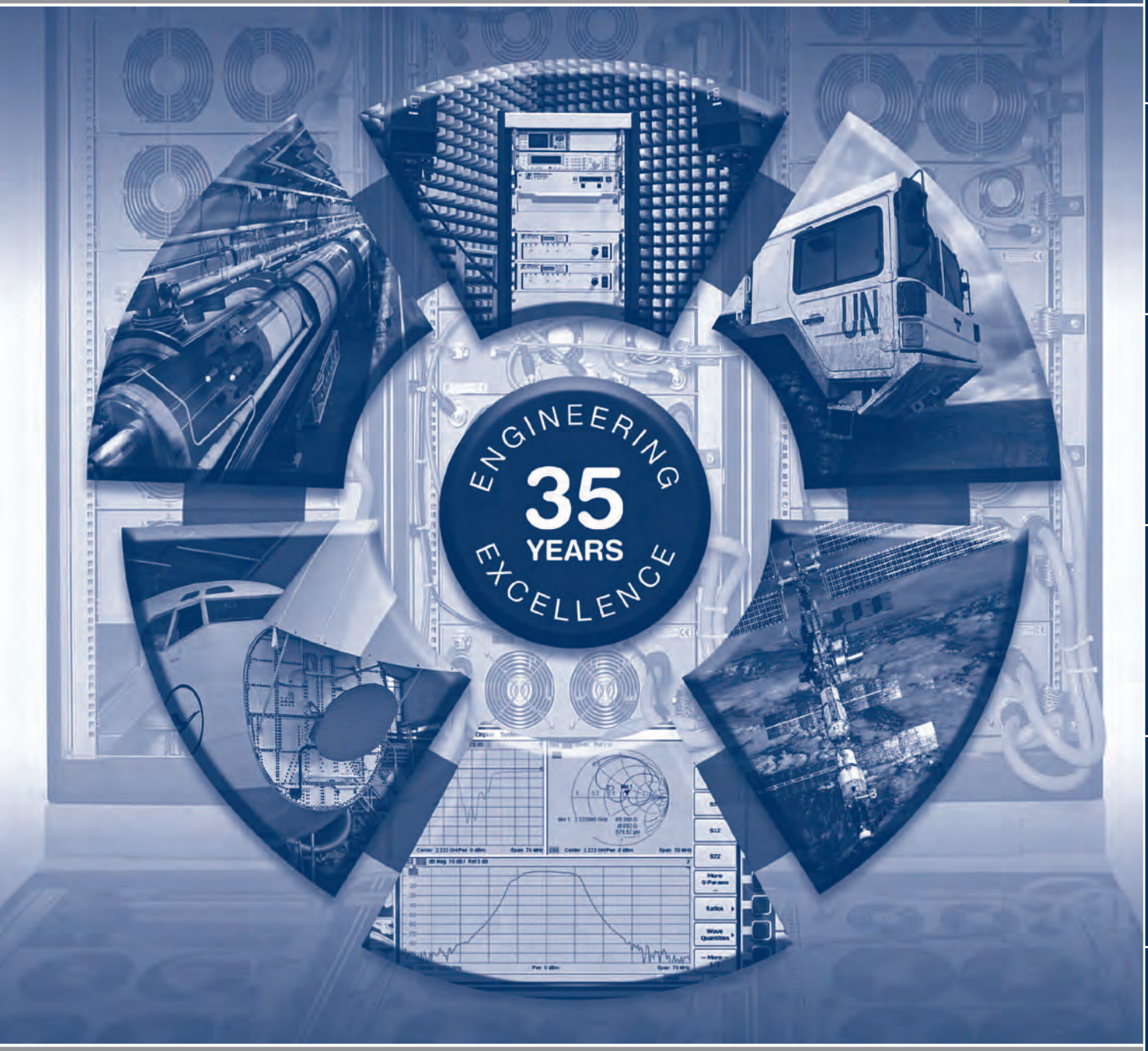
Power Amplifiers
Overview of all models

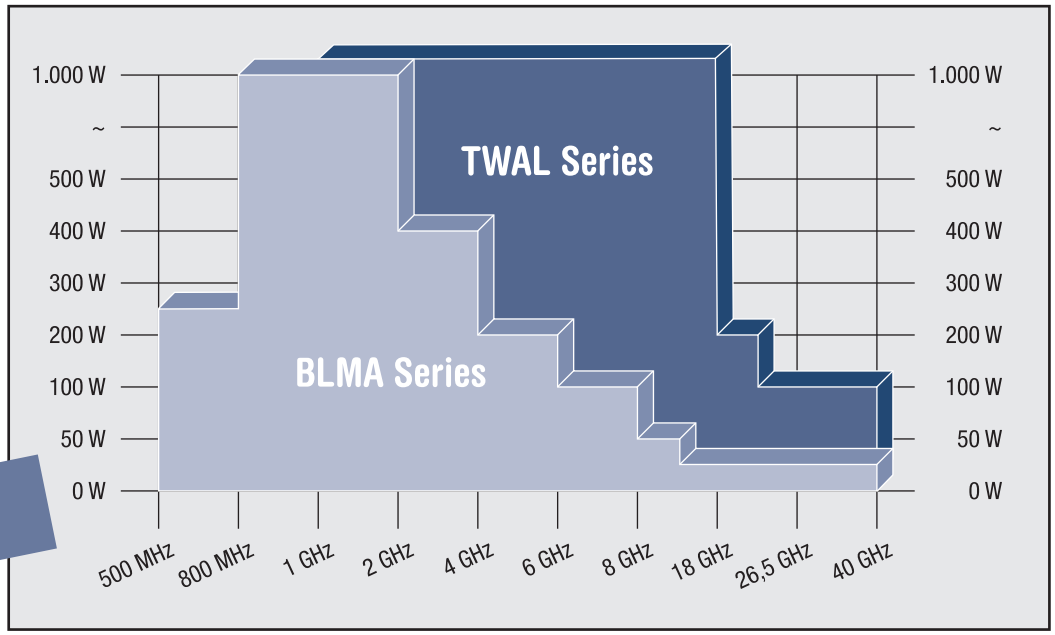
9 kHz ... 40 GHz
1 mW ... 20 kW



BONN Elektronik

YOUR ULTIMATE RF POWER SOURCE

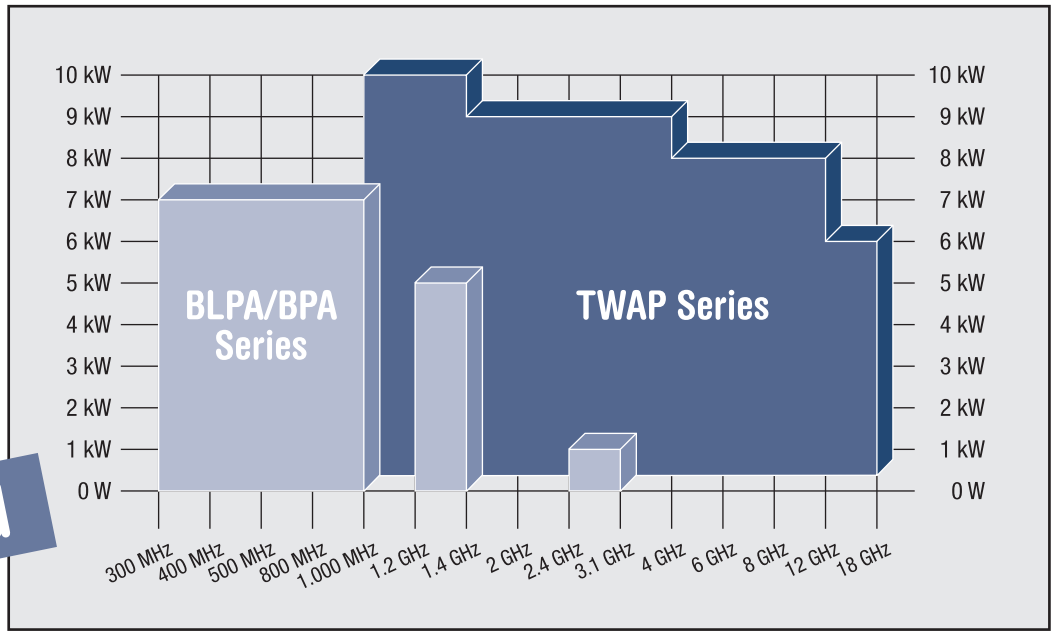
GHz



BLMA Series *Page 13*
Solid State Amplifiers
100 MHz ... 40 GHz
0.1 W ... 1 kW

TWAL Series *Page 19*
TWT Amplifiers
1 GHz ... 40 GHz
20 W ... 1 kW

Pulsed



EMI Preamplifiers *Page 21*
Amplifiers + Antennas
100 MHz ... 40 GHz
18 dB ... 50 dB Gain

BPA / TWAP Series *Page 22*
Pulsed Amplifiers
300 MHz ... 18 GHz
25 W ... 30 kW

		Output Power P_N min / typ W					
BLMA 0560-10	0.5 ... 6 GHz	10 / 12	40 / 43 ±3	12 / 20	200	2 HU, 430 mm	10
BLMA 0560-30D	0.5 ... 6 GHz 0.5 ... 2.5 GHz 2.5 ... 6 GHz	 30 / 35 30 / 35	 44.8 / 47 ±2 44.8 / 47 ±2	 15 / 20 20 / 20	400	3 HU, 430 mm	15

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 0760-1	0.7 ... 6 GHz	1 / 1.2	30 / 32 ±3	20 / 20	50	2 HU, 430 mm	10
BLMA 0760-3	0.7 ... 6 GHz	3 / 3.3	34.8 / 37 ±3	20 / 20	90	2 HU, 430 mm	11
BLMA 0760-6	0.7 ... 6 GHz	6 / 10	37.8 / 40 ±3	15 / 20	180	2 HU, 430 mm	11
BLMA 0760-15	0.7 ... 6 GHz	15 / 20	41.8 / 45 ±3	15 / 20	250	2 HU, 430 mm	12
BLMA 0760-25	0.7 ... 6 GHz	25 / 30	44 / 47 ±3	15 / 20	450	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 0712-10D	0.7 ... 12 GHz 0.7 ... 6.1 GHz 6.1 ... 12 GHz	 10 / 12 10 / 12	 40 / 43 ±3 40 / 43 ±3	 15 / 20 12 / 20	320	3 HU, 550 mm	19

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 0820-1	0.8 ... 2 GHz	1 / 1.3	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 0820-3	0.8 ... 2 GHz	3 / 3.5	34.8 / 37 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 0820-7	0.8 ... 2 GHz	7 / 8	38.5 / 41 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 0820-10	0.8 ... 2 GHz	10 / 12	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	11
BLMA 0820-30	0.8 ... 2 GHz	30 / 35	44.8 / 47 ±2	20 / 20	200	2 HU, 430 mm	13
BLMA 0820-50	0.8 ... 2 GHz	50 / 60	47 / 49 ±2	20 / 20	350	3 HU, 550 mm	22
BLMA 0820-100	0.8 ... 2 GHz	100 / 120	50 / 52 ±2	20 / 20	700	3 HU, 630 mm	22
BLMA 0820-200	0.8 ... 2 GHz	200 / 240	53 / 55 ±2	20 / 20	1200	3 HU, 630 mm	26
BLMA 0820-400	0.8 ... 2 GHz	400 / 450	56 / 58 ±2	20 / 20	2600	6 HU, 630 mm	50
BLMA 0820-750	0.8 ... 2 GHz	750 / 900	58.8 / 61 ±2	20 / 20	6000	15 HU, 630 mm	150

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 0822-1	0.8 ... 2.2 GHz	1 / 1.3	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 0822-3	0.8 ... 2.2 GHz	3 / 3.5	34.8 / 37 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 0822-7	0.8 ... 2.2 GHz	7 / 8	38.5 / 41 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 0822-10	0.8 ... 2.2 GHz	10 / 12	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	11
BLMA 0822-30	0.8 ... 2.2 GHz	30 / 35	44.8 / 47 ±2	20 / 20	200	2 HU, 430 mm	11
BLMA 0822-50	0.8 ... 2.2 GHz	50 / 60	47 / 49 ±2	20 / 20	350	3 HU, 630 mm	18
BLMA 0822-100	0.8 ... 2.2 GHz	100 / 120	50 / 52 ±2	20 / 20	700	3 HU, 630 mm	22
BLMA 0822-200	0.8 ... 2.2 GHz	200 / 240	53 / 55 ±2	20 / 20	1200	3 HU, 630 mm	26
BLMA 0822-400	0.8 ... 2.2 GHz	400 / 450	56 / 58 ±2	20 / 20	2600	6 HU, 630 mm	50
BLMA 0822-750	0.8 ... 2.2 GHz	750 / 900	58.8 / 61 ±2	20 / 20	6000	15 HU, 630 mm	150

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 0825-1	0.8 ... 2.5 GHz	1 / 1.3	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 0825-3	0.8 ... 2.5 GHz	3 / 3.5	34.8 / 37 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 0825-5	0.8 ... 2.5 GHz	5 / 6	37 / 39 ±2	20 / 20	75	2 HU, 430 mm	12
BLMA 0825-10	0.8 ... 2.5 GHz	10 / 13	40 / 42 ±2	12 / 20	150	2 HU, 430 mm	13
BLMA 0825-20	0.8 ... 2.5 GHz	20 / 25	43 / 45 ±2	20 / 20	250	2 HU, 430 mm	13
BLMA 0825-40	0.8 ... 2.5 GHz	40 / 50	46 / 48 ±2	20 / 20	350	3 HU, 630 mm	18
BLMA 0825-75	0.8 ... 2.5 GHz	75 / 90	58.8 / 51 ±2	20 / 20	800	3 HU, 630 mm	22
BLMA 0825-150	0.8 ... 2.5 GHz	150 / 180	51.8 / 54 ±2	20 / 20	1200	3 HU, 630 mm	26
BLMA 0825-150S	0.8 ... 2.5 GHz	150 / 180	51.8 / 54 ±2	18 / 20	1100	3 HU, 630 mm	25
BLMA 0825-200	0.8 ... 2.5 GHz	200 / 220	53 / 55 ±2	20 / 20	1600	4 HU, 630 mm	35
BLMA 0825-250	0.8 ... 2.5 GHz	250 / 300	54 / 56 ±2	12 / 15	2000	4 HU, 630 mm	36
BLMA 0825-300	0.8 ... 2.5 GHz	300 / 350	54.8 / 57 ±2	20 / 20	2400	6 HU, 630 mm	52
BLMA 0825-300S	0.8 ... 2.5 GHz	300 / 350	54.8 / 57 ±2	15 / 20	2000	4 HU, 630 mm	36
BLMA 0825-500S	0.8 ... 2.5 GHz	500 / 650	57 / 59 ±2	18 / 20	3500	9 HU, 630 mm	86
BLMA 0825-500	0.8 ... 2.5 GHz	500 / 550	57 / 59 ±2	20 / 20	5000	12 HU, 630 mm	105
BLMA 0825-750	0.8 ... 2.5 GHz	750 / 850	58.8 / 61 ±2	18 / 20	4500	9 HU, 630 mm	105

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 0827-1	0.8 ... 2.7 GHz	1 / 1.3	30 / 32 ±2	20 / 20	70	2 HU, 430 mm	11
BLMA 0827-3	0.8 ... 2.7 GHz	3 / 3.5	34.8 / 37 ±2	20 / 20	70	2 HU, 430 mm	11
BLMA 0827-5	0.8 ... 2.7 GHz	5 / 6	37 / 39 ±2	20 / 20	70	2 HU, 430 mm	12
BLMA 0827-15	0.8 ... 2.7 GHz	15 / 18	41.7 / 44 ±2	20 / 20	200	2 HU, 430 mm	11
BLMA 0827-30	0.8 ... 2.7 GHz	30 / 35	43.8 / 46 ±2	20 / 20	350	3 HU, 630 mm	18
BLMA 0827-55	0.8 ... 2.7 GHz	55 / 70	47.4 / 50 ±2	20 / 20	800	3 HU, 630 mm	22
BLMA 0827-110	0.8 ... 2.7 GHz	110 / 140	50.4 / 53 ±2	20 / 20	1200	3 HU, 630 mm	26
BLMA 0827-220	0.8 ... 2.7 GHz	220 / 250	53.4 / 56 ±2	20 / 20	1600	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 0830-1	0.8 ... 3 GHz	1 / 1.3	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 0830-3	0.8 ... 3 GHz	3 / 3.5	34.8 / 37 ±2	20 / 20	75	2 HU, 430 mm	12
BLMA 0830-6	0.8 ... 3 GHz	6 / 7	37.8 / 40 ±2	20 / 20	100	2 HU, 430 mm	12
BLMA 0830-10	0.8 ... 3 GHz	10 / 13	40 / 43 ±3	15 / 20	150	2 HU, 430 mm	13
BLMA 0830-20	0.8 ... 3 GHz	20 / 25	43 / 45 ±2	15 / 20	250	2 HU, 430 mm	13
BLMA 0830-40	0.8 ... 3 GHz	40 / 50	46 / 48 ±2	12 / 20	250	3 HU, 550 mm	18
BLMA 0830-80	0.8 ... 3 GHz	80 / 100	49 / 51 ±2	15 / 20	450	3 HU, 550 mm	18
BLMA 0830-100	0.8 ... 3 GHz	100 / 120	50 / 52 ±2	15 / 20	500	3 HU, 550 mm	18
BLMA 0830-150	0.8 ... 3 GHz	150 / 180	51.8 / 54 ±2	15 / 20	1200	3 HU, 630 mm	30
BLMA 0830-200	0.8 ... 3 GHz	200 / 230	53 / 55 ±2	15 / 20	1600	5 HU, 630 mm	42
BLMA 0830-250	0.8 ... 3 GHz	250 / 300	54 / 56 ±2	15 / 20	2100	5 HU, 630 mm	51

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 0840-30/20D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 30 / 35 20 / 35	 44.8 / 47 ±2 43 / 45 ±2	 20 / 20 20 / 20	200	3 HU, 550 mm	13
BLMA 0840-30/20	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 30 / 35 20 / 35	 44.8 / 47 ±2 43 / 45 ±2	 15 / 20 15 / 20	250	3 HU, 550 mm	15
BLMA 0840-30D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 30 / 35 30 / 35	 44.8 / 47 ±2 44.8 / 47 ±2	 20 / 20 20 / 20	350	3 HU, 630 mm	23
BLMA 0840-50/35D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 50 / 60 35 / 40	 47 / 49 ±2 45.4 / 47 ±2	 20 / 20 20 / 20	500	3 HU, 630 mm	23
BLMA 0840-50/60D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 50 / 60 60 / 75	 47 / 49 ±2 47.8 / 50 ±2	 20 / 20 20 / 20	600	3 HU, 630 mm	26
BLMA 0840-100/60D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 100 / 120 60 / 75	 50 / 52 ±2 47.8 / 50 ±2	 20 / 20 20 / 20	750	3 HU, 630 mm	28
BLMA 0840-100D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 100 / 120 100 / 120	 50 / 52 ±2 50 / 52 ±2	 20 / 20 20 / 20	1300	6 HU, 630 mm	42
BLMA 0840-200/100D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 200 / 240 100 / 120	 53 / 55 ±2 50 / 52 ±2	 20 / 20 20 / 20	1300	6 HU, 630 mm	45
BLMA 0840-200D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 200 / 240 200 / 240	 53 / 55 ±2 53 / 55 ±2	 20 / 20 20 / 20	2500	9 HU, 630 mm	72
BLMA 0840-200	0.8 ... 4 GHz	200 / 250	53 / 55 ±2	18 / 20	2100	5 HU, 630 mm	53
BLMA 0840-270D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 270 / 300 270 / 300	 54.3 / 57 ±2 54.3 / 57 ±2	 20 / 20 20 / 20	2700	9 HU, 630 mm	78
BLMA 0840-350	0.8 ... 4 GHz	350 / 400	55.4 / 59 ±3	20 / 20	6500	8 HU, 630 mm	92
BLMA 0840-400/200D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 400 / 450 200 / 240	 56 / 58 ±2 53 / 55 ±2	 20 / 20 20 / 20	3000	13 HU, 630 mm	105
BLMA 0840-400	0.8 ... 4 GHz	400 / 450	56 / 59 ±3	20 / 20	6500	8 HU, 630 mm	92
BLMA 0840-750/400D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 750 / 900 400 / 450	 58.8 / 61 ±2 56 / 58 ±2	 20 / 20 20 / 20	8000	41 HU, 800 mm	230
BLMA 0840-1000D	0.8 ... 4 GHz 0.8 ... 2 GHz 2 ... 4 GHz	 1000 / 1200 1000 / 1200	 60 / 62 ±2 60 / 62 ±2	 20 / 20 20 / 20	8500	2x 24 HU, 800 mm	460

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 0842-1	0.8 ... 4.2 GHz	1 / 1.3	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	10
BLMA 0842-3	0.8 ... 4.2 GHz	3 / 3.5	34.8 / 37 ±2	20 / 20	80	2 HU, 430 mm	10
BLMA 0842-5	0.8 ... 4.2 GHz	5 / 6	37 / 39 ±2	15 / 20	100	2 HU, 430 mm	10
BLMA 0842-10	0.8 ... 4.2 GHz	10 / 13	40 / 42 ±2	15 / 20	300	2 HU, 430 mm	16
BLMA 0842-20	0.8 ... 4.2 GHz	20 / 25	43 / 45 ±2	15 / 20	300	2 HU, 430 mm	17
BLMA 0842-60	0.8 ... 4.2 GHz	60 / 80	47.8 / 50 ±2	18 / 20	600	3 HU, 630 mm	28
BLMA 0842-120	0.8 ... 4.2 GHz	120 / 150	50.8 / 53 ±2	18 / 20	1200	3 HU, 630 mm	32
BLMA 0842-200	0.8 ... 4.2 GHz	200 / 250	53 / 55 ±2	18 / 20	2500	5 HU, 630 mm	44
BLMA 0842-350	0.8 ... 4.2 GHz	350 / 450	55.4 / 58 ±2	18 / 20	4500	8 HU, 630 mm	97
BLMA 0842-400	0.8 ... 4.2 GHz	400 / 500	56 / 58 ±2	18 / 20	4500	8 HU, 630 mm	97
BLMA 0842-500	0.8 ... 4.2 GHz	500 / 600	57 / 60 ±3	18 / 20	6000	10 HU, 630 mm	128

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 0860-30	0.8 ... 6 GHz	30 / 35	44 / 46 ±2	15 / 20	500	2 HU, 430 mm	13
BLMA 0860-100D	0.8 ... 6 GHz 0.8 ... 2 GHz 2 ... 6 GHz	 100 / 125 100 / 125	 50 / 52 ±2 50 / 52 ±2	 20 / 20 20 / 20	1300	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 0880-0.8	0.8 ... 8 GHz	0.8 / 1	29 / 32 ±3	15 / 18	75	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 0818-10D	0.8 ... 18 GHz 0.8 ... 6 GHz 6 ... 18 GHz	 10 / 12 10 / 12	 40 / 43 ±3 40 / 43 ±3	 15 / 20 12 / 20	200	3 HU, 550 mm	22
BLMA 0818-20D	0.8 ... 18 GHz 0.8 ... 6 GHz 6 ... 18 GHz	 20 / 25 20 / 22	 43 / 46 ±3 43 / 46 ±3	 15 / 20 15 / 20	370	3 HU, 430 mm	20
BLMA 0818-30/20D	0.8 ... 18 GHz 0.8 ... 6 GHz 6 ... 18 GHz	 30 / 35 20 / 22	 44.8 / 48 ±3 43 / 46 ±3	 15 / 20 15 / 20	430	3 HU, 430 mm	21

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 1020-1	1 ... 2 GHz	1 / 1.3	30 / 32 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 1020-3	1 ... 2 GHz	3 / 3.5	34.8 / 37 ±2	20 / 20	50	2 HU, 430 mm	11
BLMA 1020-5	1 ... 2 GHz	5 / 6	37 / 39 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 1020-10	1 ... 2 GHz	10 / 13	40 / 42 ±2	18 / 20	100	2 HU, 430 mm	12
BLMA 1020-30	1 ... 2 GHz	30 / 35	44.8 / 47 ±2	20 / 20	180	2 HU, 430 mm	12
BLMA 1020-50	1 ... 2 GHz	50 / 60	47 / 49 ±2	15 / 20	500	2 HU, 430 mm	13
BLMA 1020-60	1 ... 2 GHz	60 / 70	47.8 / 49 ±2	20 / 20	350	3 HU, 630 mm	21
BLMA 1020-100	1 ... 2 GHz	100 / 125	50 / 52 ±2	20 / 20	600	3 HU, 630 mm	22
BLMA 1020-120	1 ... 2 GHz	120 / 140	50.8 / 53 ±2	20 / 20	700	3 HU, 630 mm	22
BLMA 1020-200	1 ... 2 GHz	200 / 240	53 / 55 ±2	20 / 20	1200	3 HU, 630 mm	27
BLMA 1020-240	1 ... 2 GHz	240 / 270	53.8 / 55 ±2	20 / 20	1500	3 HU, 630 mm	27
BLMA 1020-300	1 ... 2 GHz	300 / 330	57.8 / 60 ±2	15 / 20	2200	4 HU, 630 mm	39
BLMA 1020-400	1 ... 2 GHz	400 / 450	56 / 58 ±2	20 / 20	2600	7 HU, 630 mm	55

BLMA 1020-450	1 ... 2 GHz	450 / 500	56.5 / 59 ±2	20 / 20	3500	7 HU, 630 mm	55
BLMA 1020-550	1 ... 2 GHz	550 / 600	57.4 / 60 ±2	20 / 20	4000	7 HU, 630 mm	60
BLMA 1020-600	1 ... 2 GHz	600 / 700	57.8 / 60 ±2	15 / 20	4200	9 HU, 630 mm	105
BLMA 1020-750	1 ... 2 GHz	750 / 900	58.8 / 61 ±2	20 / 20	6000	15 HU, 630 mm	150
BLMA 1020-850	1 ... 2 GHz	850 / 1000	59.3 / 62 ±2	15 / 20	5000	9 HU, 630 mm	85
BLMA 1020-1400	1 ... 2 GHz	1400 / 1500	61.5 / 64 ±2	20 / 20	12000	24 HU, 800 mm	250
BLMA 1020-2000	1 ... 2 GHz	2000 / 2100	63 / 65 ±2	20 / 20	18000	41 HU, 800 mm	360
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 1025-75	1 ... 2.5 GHz	75 / 90	53 / 55 ±2	15 / 20	800	3 HU, 630 mm	22
BLMA 1025-200	1 ... 2.5 GHz	200 / 250	53 / 55 ±2	15 / 20	1400	4 HU, 630 mm	36
BLMA 1025-250	1 ... 2.5 GHz	250 / 350	54 / 56 ±2	15 / 20	1800	4 HU, 630 mm	38
BLMA 1025-500	1 ... 2.5 GHz	500 / 650	57 / 59 ±2	18 / 20	3500	9 HU, 630 mm	88
BLMA 1025-1000	1 ... 2.5 GHz	1000 / 1200	60 / 62 ±2	15 / 20	7000	15 HU, 630 mm	120
BLMA 1025-1500	1 ... 2.5 GHz	1500 / 1800	61.8 / 64 ±2	15 / 20	12000	21 HU, 800 mm	210
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 1030-1	1 ... 3 GHz	1 / 1.3	30 / 32 ±2	20 / 20	50	2 HU, 430 mm	11
BLMA 1030-3	1 ... 3 GHz	3 / 3.5	34.8 / 37 ±2	20 / 20	75	2 HU, 430 mm	12
BLMA 1030-5	1 ... 3 GHz	5 / 6	37 / 39 ±2	20 / 20	75	2 HU, 430 mm	12
BLMA 1030-10	1 ... 3 GHz	10 / 13	40 / 43 ±3	20 / 20	110	2 HU, 430 mm	13
BLMA 1030-20	1 ... 3 GHz	20 / 25	43 / 45 ±2	15 / 20	200	2 HU, 430 mm	13
BLMA 1030-40	1 ... 3 GHz	40 / 50	46 / 48 ±2	15 / 20	280	2 HU, 430 mm	13
BLMA 1030-80	1 ... 3 GHz	80 / 100	49 / 51 ±2	15 / 20	450	3 HU, 430 mm	17
BLMA 1030-100	1 ... 3 GHz	100 / 120	50 / 52 ±2	18 / 20	500	3 HU, 430 mm	17
BLMA 1030-150	1 ... 3 GHz	160 / 200	51.8 / 54 ±2	15 / 20	1000	4 HU, 630 mm	35
BLMA 1030-200	1 ... 3 GHz	200 / 230	53 / 55 ±2	15 / 20	1200	5 HU, 630 mm	42
BLMA 1030-250	1 ... 3 GHz	250 / 300	54 / 56 ±2	20 / 20	2000	5 HU, 630 mm	56
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 1032-100	1 ... 3.2 GHz	100 / 120	50 / 52 ±2	15 / 20	550	3 HU, 430 mm	17
BLMA 1032-150	1 ... 3.2 GHz	150 / 200	51.8 / 54 ±2	15 / 20	1200	3 HU, 630 mm	28
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 1040-30/20D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 30 / 35 20 / 35	 44.8 / 47 ±2 43 / 45 ±2	 20 / 20 20 / 20	200	3 HU, 550 mm	19
BLMA 1040-30D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 30 / 35 30 / 35	 44.8 / 47 ±2 44.8 / 47 ±2	 20 / 20 20 / 20	350	3 HU, 630 mm	20
BLMA 1040-60/35D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 60 / 70 35 / 40	 47.8 / 50 ±2 45.4 / 48 ±2	 20 / 20 20 / 20	400	3 HU, 630 mm	22
BLMA 1040-60	1 ... 4 GHz	60 / 80	47.8 / 50 ±2	18 / 20	600	3 HU, 430 mm	16
BLMA 1040-60D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 60 / 70 60 / 75	 47.8 / 50 ±2 47.8 / 50 ±2	 20 / 20 20 / 20	600	3 HU, 630 mm	26
BLMA 1040-100/60D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 100 / 120 60 / 75	 50 / 52 ±2 47.8 / 50 ±2	 20 / 20 20 / 20	750	3 HU, 630 mm	28
BLMA 1040-100D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 100 / 120 100 / 120	 50 / 52 ±2 50 / 52 ±2	 20 / 20 20 / 20	1300	6 HU, 630 mm	42
BLMA 1040-120	1 ... 4 GHz	120 / 150	50.8 / 53 ±2	20 / 20	1500	3 HU, 630 mm	28
BLMA 1040-200/100D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 200 / 240 100 / 120	 53 / 55 ±2 50 / 52 ±2	 20 / 20 20 / 20	1300	6 HU, 630 mm	45
BLMA 1040-200	1 ... 4 GHz	200 / 250	53 / 55 ±2	20 / 20	2100	5 HU, 630 mm	53
BLMA 1040-200D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 200 / 240 200 / 240	 53 / 55 ±2 53 / 55 ±2	 20 / 20 20 / 20	2500	9 HU, 630 mm	52
BLMA 1040-240/200D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 240 / 260 200 / 240	 53.8 / 56 ±2 53 / 55 ±2	 20 / 20 20 / 20	2700	9 HU, 630 mm	52
BLMA 1040-300/200D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 300 / 320 200 / 240	 54.8 / 57 ±2 53 / 55 ±2	 20 / 20 20 / 20	2700	9 HU, 630 mm	75
BLMA 1040-400/200D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 400 / 450 200 / 240	 56 / 58 ±2 53 / 55 ±2	 20 / 20 20 / 20	2700	13 HU, 630 mm	105
BLMA 1040-400	1 ... 4 GHz	400 / 500	56 / 59 ±3	20 / 20	6500	8 HU, 630 mm	92
BLMA 1040-500	1 ... 4 GHz	500 / 600	57 / 59 ±2	18 / 20	6000	8 HU, 630 mm	97
BLMA 1040-750/400D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 750 / 900 400 / 450	 58.8 / 61 ±2 56 / 58 ±2	 20 / 20 20 / 20	8000	41 HU, 800 mm	230
BLMA 1040-750	1 ... 4 GHz	750 / 800	58.8 / 62 ±3	20 / 20	8000	12 HU, 630 mm	140
BLMA 1040-1000D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 1000 / 1200 1000 / 1200	 60 / 62 ±2 60 / 62 ±2	 20 / 20 20 / 20	8500	2x 24 HU, 800 mm	460
BLMA 1040-1300/400D	1 ... 4 GHz 1 ... 2 GHz 2 ... 4 GHz	 1300 / 1500 400 / 450	 61.1 / 64 ±2 56 / 58 ±2	 20 / 20 20 / 20	12000	37 HU, 800 mm	350
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 1060-0.5	1 ... 6 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 1060-1	1 ... 6 GHz	1 / 1.2	30 / 32 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 1060-3	1 ... 6 GHz	3 / 3.3	34.8 / 37 ±2	20 / 20	90	2 HU, 430 mm	11
BLMA 1060-6	1 ... 6 GHz	6 / 10	37.8 / 40 ±2	15 / 20	180	2 HU, 430 mm	10
BLMA 1060-10	1 ... 6 GHz	10 / 15	40 / 42 ±2	15 / 20	200	2 HU, 430 mm	12
BLMA 1060-15	1 ... 6 GHz	15 / 20	41.8 / 45 ±3	15 / 20	250	2 HU, 430 mm	13
BLMA 1060-25	1 ... 6 GHz	25 / 30	44 / 47 ±3	15 / 20	450	2 HU, 430 mm	13

BLMA 1060-30/20D	1 ... 6 GHz 1 ... 2 GHz 2 ... 6 GHz	 30 / 35 20 / 25	 44.8 / 47 ±2 43 / 45 ±2	 20 / 20 20 / 20	350	3 HU, 550 mm	20
BLMA 1060-30	1 ... 6 GHz	30 / 35	44.8 / 48 ±3	15 / 20	450	2 HU, 430 mm	13
BLMA 1060-30D	1 ... 6 GHz 1 ... 2 GHz 2 ... 6 GHz	 30 / 35 30 / 35	 44.8 / 47 ±2 44.8 / 47 ±2	 20 / 20 20 / 20	450	3 HU, 550 mm	25
BLMA 1060-30DS	1 ... 6 GHz 1 ... 2.5 GHz 2.5 ... 6 GHz	 30 / 35 30 / 35	 44.8 / 48 ±3 44.8 / 48 ±3	 15 / 20 15 / 20	350	3 HU, 550 mm	22
BLMA 1060-50	1 ... 6 GHz	50 / 60	47 / 50 ±3	15 / 20	500	2 HU, 430 mm	13
BLMA 1060-50DS	1 ... 6 GHz 1 ... 2.5 GHz 2.5 ... 6 GHz	 50 / 80 50 / 60	 47 / 49 ±2 47 / 49 ±2	 20 / 20 15 / 20	500	3 HU, 630 mm	26
BLMA 1060-75/50D	1 ... 6 GHz 1 ... 2.5 GHz 2.5 ... 6 GHz	 75 / 90 50 / 60	 48.8 / 51 ±2 47 / 49 ±2	 12 / 20 15 / 20	600	3 HU, 630 mm	26
BLMA 1060-75	1 ... 6 GHz	75 / 80	48.8 / 52 ±3	15 / 20	950	3 HU, 430 mm	20
BLMA 1060-100/50D	1 ... 6 GHz 1 ... 2 GHz 2 ... 4 GHz 4 ... 6 GHz	 110 / 125 100 / 120 50 / 60	 50.4 / 53 ±2 50.4 / 53 ±2 47 / 49 ±2	 20 / 20 18 / 20 20 / 20	900	6 HU, 630 mm	49
BLMA 1060-100/50DS	1 ... 6 GHz 1 ... 2.5 GHz 2.5 ... 6 GHz	 100 / 120 50 / 60	 50 / 52 ±2 47 / 49 ±2	 15 / 20 15 / 20	1200	4 HU, 630 mm	46
BLMA 1060-100/60/30D	1 ... 6 GHz 1 ... 2 GHz 2 ... 4 GHz 4 ... 6 GHz	 100 / 120 60 / 70 30 / 40	 50 / 52 ±2 47.8 / 50 ±2 44.8 / 47 ±2	 20 / 20 15 / 20 20 / 20	700	4 HU, 630 mm	38
BLMA 1060-100	1 ... 6 GHz	100 / 120	50 / 53 ±3	15 / 20	950	3 HU, 430 mm	20
BLMA 1060-100D	1 ... 6 GHz 1 ... 2 GHz 2 ... 6 GHz	 100 / 125 100 / 125	 50 / 52 ±2 50 / 52 ±2	 20 / 20 20 / 20	1600	6 HU, 630 mm	60
BLMA 1060-100DS	1 ... 6 GHz 1 ... 2.5 GHz 2.5 ... 6 GHz	 100 / 120 100 / 120	 50 / 52 ±2 50 / 52 ±2	 15 / 20 15 / 20	950	4 HU, 630 mm	34
BLMA 1060-150	1 ... 6 GHz	150 / 180	51.8 / 55 ±2	15 / 20	2100	4 HU, 630 mm	40
BLMA 1060-200/100D	1 ... 6 GHz 1 ... 2 GHz 2 ... 4 GHz 4 ... 6 GHz	 200 / 240 180 / 240 100 / 120	 53 / 55 ±2 53 / 55 ±2 50 / 52 ±2	 20 / 20 20 / 20 20 / 20	1600	9 HU, 630 mm	82
BLMA 1060-200/100DS	1 ... 6 GHz 1 ... 2.5 GHz 2.5 ... 6 GHz	 200 / 240 100 / 120	 53 / 55 ±2 50 / 52 ±2	 15 / 20 15 / 20	1600	6 HU, 630 mm	65
BLMA 1060-200/150DS	1 ... 6 GHz 1 ... 2.5 GHz 2.5 ... 6 GHz	 200 / 230 150 / 180	 53 / 55 ±2 51.8 / 54 ±2	 20 / 20 20 / 20	1800	6 HU, 630 mm	58
BLMA 1060-200	1 ... 6 GHz	200 / 220	53 / 56 ±3	15 / 20	3200	5 HU, 630 mm	60
BLMA 1060-200DS	1 ... 6 GHz 1 ... 2.5 GHz 2.5 ... 6 GHz	 200 / 240 200 / 240	 53 / 55 ±2 53 / 55 ±2	 20 / 20 15 / 20	3000	12 HU, 630 mm	110
BLMA 1060-250	1 ... 6 GHz	250 / 280	54 / 57 ±3	15 / 20	3200	5 HU, 630 mm	48
BLMA 1060-300/100D	1 ... 6 GHz 1 ... 2.5 GHz 2.5 ... 4 GHz 4 ... 6 GHz	 300 / 320 180 / 200 100 / 120	 54.8 / 57 ±2 52.5 / 55 ±2 50 / 52 ±2	 20 / 20 20 / 20 20 / 20	2200	6 HU, 630 mm	65
BLMA 1060-400/100	1 ... 6 GHz 1 ... 4 GHz 4 ... 6 GHz	 400 / 450 100 / 120	 56 / 59 ±3 50 / 53 ±3	 20 / 20 20 / 20	6500	8 HU, 630 mm	105

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 1018-0.5	1 ... 18 GHz	0.5 / 0.6	27 / 30 ±3	20 / 20	40	2 HU, 430 mm	11
BLMA 1018-1	1 ... 18 GHz	1 / 1.2	30 / 34 ±4	20 / 15	40	2 HU, 430 mm	12
BLMA 1018-1.5	1 ... 18 GHz	1.5 / 1.8	31.8 / 35 ±3	15 / 20	75	2 HU, 430 mm	11
BLMA 1018-4	1 ... 18 GHz	4 / 4.4	36 / 40 ±4	15 / 20	50	2 HU, 430 mm	12
BLMA 1018-4D	1 ... 18 GHz 1 ... 6 GHz 6 ... 18 GHz	 4 / 5 4 / 5	 36 / 39 ±3 36 / 40 ±4	 20 / 20 20 / 20	180	2 HU, 430 mm	13
BLMA 1018-7/5D	1 ... 18 GHz 1 ... 6 GHz 6 ... 18 GHz	 7 / 8 5 / 6	 38.4 / 42 ±3 37 / 40 ±3	 15 / 20 15 / 20	220	2 HU, 430 mm	14
BLMA 1018-10D	1 ... 18 GHz 1 ... 6 GHz 6 ... 18 GHz	 10 / 12 10 / 12	 40 / 43 ±3 40 / 44 ±4	 15 / 20 15 / 20	300	2 HU, 430 mm	15
BLMA 1018-15D	1 ... 18 GHz 1 ... 6 GHz 6 ... 18 GHz	 15 / 20 15 / 20	 41.8 / 45 ±3 41.8 / 45 ±3	 15 / 20 15 / 20	350	3 HU, 430 mm	19
BLMA 1018-20D	1 ... 18 GHz 1 ... 6 GHz 6 ... 18 GHz	 20 / 25 20 / 22	 43 / 46 ±3 43 / 46 ±3	 15 / 20 15 / 20	350	3 HU, 430 mm	20
BLMA 1018-30/10D	1 ... 18 GHz 1 ... 6 GHz 6 ... 16 GHz 16 ... 18 GHz	 30 / 35 10 / 12 8 / 10	 44.8 / 48 ±3 40 / 44 ±4 39 / 43 ±4	 15 / 20 15 / 20 15 / 20	400	3 HU, 430 mm	20
BLMA 1018-30/20D	1 ... 18 GHz 1 ... 6 GHz 6 ... 18 GHz	 30 / 35 20 / 22	 44.8 / 48 ±3 43 / 47 ±4	 15 / 20 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
BLMA 1026-2D	1 ... 26.5 GHz 1 ... 18 GHz 18 ... 26.5 GHz	 2 / 3 2 / 2.2	 33 / 36 ±3 33 / 36 ±3	 15 / 20 20 / 20	150	2 HU, 430 mm	15
BLMA 1026-40/4D	1 ... 26.5 GHz 1 ... 6 GHz 6 ... 18 GHz 18 ... 26.5 GHz	 40 / 45 35 / 38 4 / 4.5	 46 / 49 ±3 45.4 / 49 ±3 36 / 39 ±3	 15 / 20 15 / 20 20 / 20	900	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
BLMA 1214-500	1.2 ... 1.4 GHz	500 / 550	57 / 59 ±2	20 / 20	1850	4 HU, 630 mm	37

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 2040-1	2 ... 4 GHz	1 / 1.3	30 / 32 ±2	20 / 20	50	2 HU, 430 mm	11
BLMA 2040-2	2 ... 4 GHz	2 / 2.5	33 / 35 ±2	20 / 20	50	2 HU, 430 mm	11
BLMA 2040-7	2 ... 4 GHz	7 / 9	38.5 / 41 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 2040-20	2 ... 4 GHz	20 / 25	43 / 45 ±2	20 / 20	200	2 HU, 430 mm	15
BLMA 2040-35	2 ... 4 GHz	35 / 45	45.4 / 48 ±2	20 / 20	400	3 HU, 630 mm	22
BLMA 2040-60	2 ... 4 GHz	60 / 75	47.8 / 50 ±2	20 / 20	600	3 HU, 630 mm	26
BLMA 2040-80S	2 ... 4 GHz	80 / 100	49 / 51 ±2	15 / 20	650	3 HU, 630 mm	21
BLMA 2040-110	2 ... 4 GHz	110 / 130	50.4 / 53 ±2	20 / 20	1100	3 HU, 630 mm	27
BLMA 2040-200	2 ... 4 GHz	200 / 240	53 / 55 ±2	20 / 20	2500	6 HU, 630 mm	45
BLMA 2040-300	2 ... 4 GHz	300 / 350	54.8 / 57 ±2	20 / 20	4000	12 HU, 630 mm	120
BLMA 2040-400	2 ... 4 GHz	400 / 450	56 / 58 ±2	20 / 20	5000	15 HU, 630 mm	150

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 2060-0.5	2 ... 6 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 2060-1	2 ... 6 GHz	1 / 1.2	30 / 32 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 2060-3	2 ... 6 GHz	3 / 3.3	34.8 / 37 ±2	20 / 20	90	2 HU, 430 mm	11
BLMA 2060-10	2 ... 6 GHz	10 / 12	40 / 42 ±2	18 / 20	150	2 HU, 430 mm	12
BLMA 2060-10S	2 ... 6 GHz	10 / 12	40 / 42 ±2	15 / 20	150	2 HU, 430 mm	12
BLMA 2060-20	2 ... 6 GHz	20 / 25	43 / 45 ±2	20 / 20	350	2 HU, 430 mm	14
BLMA 2060-20S	2 ... 6 GHz	20 / 25	43 / 45 ±2	18 / 20	250	2 HU, 430 mm	14
BLMA 2060-30	2 ... 6 GHz	30 / 40	44.8 / 47 ±2	20 / 20	400	3 HU, 630 mm	22
BLMA 2060-30S	2 ... 6 GHz	30 / 35	44.8 / 48 ±3	15 / 20	400	2 HU, 430 mm	13
BLMA 2060-50	2 ... 6 GHz	50 / 80	47 / 49 ±2	20 / 20	800	3 HU, 630 mm	28
BLMA 2060-50S	2 ... 6 GHz	50 / 60	47 / 50 ±3	15 / 20	550	3 HU, 430 mm	16
BLMA 2060-100	2 ... 6 GHz	100 / 130	50 / 52 ±2	20 / 20	1600	6 HU, 630 mm	54
BLMA 2060-100S	2 ... 6 GHz	100 / 120	50 / 53 ±3	20 / 20	1000	3 HU, 430 mm	18
BLMA 2060-110/50	2 ... 6 GHz 2 ... 4 GHz 4 ... 6 GHz	 110 / 130 50 / 60	 50.4 / 53 ±2 47 / 49 ±2	 20 / 20 20 / 20	900	3 HU, 630 mm	27
BLMA 2060-180/100	2 ... 6 GHz 2 ... 4 GHz 4 ... 6 GHz	 180 / 200 100 / 125	 53 / 55 ±2 50 / 52 ±2	 15 / 20 20 / 20	1600	6 HU, 630 mm	57
BLMA 2060-200	2 ... 6 GHz	200 / 250	53 / 56 ±3	20 / 20	3000	10 HU, 630 mm	100
BLMA 2060-200S	2 ... 6 GHz	200 / 230	53 / 56 ±3	15 / 20	2200	5 HU, 630 mm	37
BLMA 2060-250	2 ... 6 GHz	250 / 280	54 / 57 ±3	15 / 20	2800	5 HU, 630 mm	44
BLMA 2060-500	2 ... 6 GHz	500 / 550	57 / 60 ±3	15 / 20	6500	15 HU, 800 mm	170

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 2080-0.5	2 ... 8 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 2080-1	2 ... 8 GHz	1 / 1.2	30 / 32 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 2080-2	2 ... 8 GHz	2 / 2.3	33 / 35 ±2	20 / 20	50	2 HU, 430 mm	11
BLMA 2080-8	2 ... 8 GHz	8 / 10	39 / 41 ±2	15 / 20	100	2 HU, 430 mm	12
BLMA 2080-10	2 ... 8 GHz	10 / 12	40 / 44 ±4	18 / 20	300	2 HU, 430 mm	12
BLMA 2080-12.5	2 ... 8 GHz	12.5 / 14	41 / 43 ±2	15 / 20	350	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
BLMA 2018-0.2	2 ... 18 GHz	0.2 / 0.25	23 / 25 ±2	20 / 20	45	2 HU, 430 mm	9
BLMA 2018-0.3	2 ... 18 GHz	0.3 / 0.35	24.8 / 27 ±2	20 / 20	45	2 HU, 430 mm	9
BLMA 2018-0.5	2 ... 18 GHz	0.5 / 0.8	27 / 29 ±2	18 / 20	45	2 HU, 430 mm	9
BLMA 2018-0.8	2 ... 18 GHz	0.8 / 1	29 / 32 ±3	20 / 20	45	2 HU, 430 mm	9
BLMA 2018-1	2 ... 18 GHz	1 / 1.2	30 / 34 ±4	18 / 20	45	2 HU, 430 mm	9
BLMA 2018-1.5	2 ... 18 GHz	1.5 / 1.8	31 / 34 ±3	15 / 20	75	2 HU, 430 mm	10
BLMA 2018-2	2 ... 18 GHz	2 / 2.2	33 / 35 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 2018-7.5	2 ... 18 GHz 2 ... 17 GHz 17 ... 18 GHz	 7.5 / 8 6.3 / 7.5	 38 / 41 ±3 38 / 41 ±3	 12 / 15 20 / 20	200	2 HU, 430 mm	12
BLMA 2018-10	2 ... 18 GHz	10 / 12	40 / 43 ±3	15 / 20	180	2 HU, 430 mm	13
BLMA 2018-20D	2 ... 18 GHz 2 ... 6 GHz 6 ... 18 GHz	 20 / 25 20 / 22	 43 / 45 ±2 43 / 46 ±3	 20 / 20 15 / 20	350	3 HU, 550 mm	23

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 2020-1	2 ... 20 GHz	1 / 1.2	30 / 33 ±3	18 / 20	100	2 HU, 430 mm	9
BLMA 2020-1.5	2 ... 20 GHz	1.5 / 1.8	31 / 35 ±3	15 / 20	120	2 HU, 430 mm	10
BLMA 2020-4	2 ... 20 GHz	4 / 5	36 / 40 ±4	15 / 20	200	2 HU, 430 mm	15
BLMA 2020-10	2 ... 20 GHz	10 / 14	40 / 44 ±4	15 / 20	400	2 HU, 430 mm	15

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 4060-2	4 ... 6 GHz	2 / 2.5	33 / 35 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 4060-4	4 ... 6 GHz	4 / 4.5	36 / 38 ±2	20 / 20	80	2 HU, 430 mm	12
BLMA 4060-8	4 ... 6 GHz	8 / 9	39 / 41 ±2	20 / 20	90	2 HU, 430 mm	12
BLMA 4060-10	4 ... 6 GHz	10 / 11	40 / 42 ±2	20 / 20	100	2 HU, 430 mm	12
BLMA 4060-20	4 ... 6 GHz	20 / 22	43 / 45 ±2	20 / 20	300	2 HU, 430 mm	13
BLMA 4060-40	4 ... 6 GHz	40 / 45	46 / 48 ±2	20 / 20	350	2 HU, 430 mm	13
BLMA 4060-50	4 ... 6 GHz	50 / 60	47 / 50 ±3	20 / 20	600	3 HU, 550 mm	22
BLMA 4060-100	4 ... 6 GHz	100 / 120	50 / 53 ±3	20 / 20	1050	4 HU, 630 mm	28
BLMA 4060-200	4 ... 6 GHz	200 / 230	53 / 55 ±2	20 / 20	2500	5 HU, 630 mm	51

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 4080-1	4 ... 8 GHz	1 / 1.2	30 / 32 ±2	20 / 20	40	2 HU, 430 mm	11
BLMA 4080-2	4 ... 8 GHz	2 / 2.3	33 / 35 ±2	20 / 20	50	2 HU, 430 mm	11
BLMA 4080-2.5	4 ... 8 GHz	2.5 / 3	34 / 36 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 4080-3	4 ... 8 GHz	3 / 3.5	34.8 / 38 ±3	20 / 20	110	2 HU, 430 mm	12

BLMA 4080-5	4 ... 8 GHz	5 / 6	37 / 40 ±3	20 / 20	150	2 HU, 430 mm	12
BLMA 4080-7	4 ... 8 GHz	7 / 8	38.5 / 42 ±3	15 / 20	200	2 HU, 430 mm	12
BLMA 4080-10	4 ... 8 GHz	10 / 12	40 / 43 ±3	20 / 20	300	2 HU, 430 mm	13
BLMA 4080-15	4 ... 8 GHz	15 / 20	41.8 / 45 ±3	15 / 20	450	3 HU, 550 mm	18
BLMA 4080-20	4 ... 8 GHz	20 / 22	43 / 46 ±3	15 / 20	550	3 HU, 550 mm	19
BLMA 4080-35	4 ... 8 GHz	35 / 40	45.4 / 49 ±3	15 / 20	750	3 HU, 550 mm	22
BLMA 4080-60	4 ... 8 GHz	60 / 70	47.8 / 51 ±3	20 / 20	1600	5 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
BLMA 4010-0.5	4 ... 10 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 4010-1	4 ... 10 GHz	1 / 1.2	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 4010-2	4 ... 10 GHz	2 / 2.3	33 / 35 ±2	20 / 20	90	2 HU, 430 mm	11
BLMA 4010-6	4 ... 10 GHz	6 / 6.5	37.8 / 40 ±2	20 / 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
BLMA 4012-5	4 ... 12 GHz	5 / 6	37 / 39 ±2	20 / 20	200	2 HU, 430 mm	13
BLMA 4012-10	4 ... 12 GHz	10 / 11	40 / 42 ±2	20 / 20	300	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 4018-5D	4 ... 18 GHz 4 ... 8 GHz 8 ... 18 GHz	 5 / 6 5 / 6	 37 / 39 ±2 37 / 39 ±2	 15 / 20 20 / 20	200	2 HU, 430 mm	14
BLMA 4018-5	4 ... 18 GHz	5 / 6	37 / 39 ±2	18 / 20	200	2 HU, 430 mm	12
BLMA 4018-20/15D	4 ... 18 GHz 4 ... 6 GHz 6 ... 18 GHz	 20 / 25 15 / 18	 43 / 45 ±2 41.8 / 46 ±4	 20 / 20 15 / 20	380	3 HU, 430 mm	21
BLMA 4018-20D	4 ... 18 GHz 4 ... 6 GHz 6 ... 18 GHz	 20 / 25 20 / 22	 43 / 45 ±2 43 / 46 ±3	 20 / 20 15 / 20	400	3 HU, 430 mm	23
BLMA 4018-30D	4 ... 18 GHz 4 ... 6 GHz 6 ... 18 GHz	 30 / 35 30 / 35	 44.8 / 47 ±2 44.8 / 47 ±3	 20 / 20 15 / 20	700	4 HU, 630 mm	37
BLMA 4018-40/35D	4 ... 18 GHz 4 ... 6 GHz 6 ... 18 GHz	 40 / 45 35 / 40	 46 / 48 ±2 45.4 / 48 ±3	 20 / 20 15 / 20	700	4 HU, 630 mm	37

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 6010-5	6 ... 10 GHz	5 / 6	37 / 40 ±3	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
BLMA 6012-0.5	6 ... 12 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 6012-1	6 ... 12 GHz	1 / 1.2	30 / 32 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 6012-2	6 ... 12 GHz	2 / 2.3	33 / 35 ±2	20 / 20	90	2 HU, 430 mm	11
BLMA 6012-10	6 ... 12 GHz	10 / 11	40 / 42 ±2	15 / 20	300	2 HU, 430 mm	13
BLMA 6012-20	6 ... 12 GHz	20 / 22	43 / 45 ±2	15 / 20	450	3 HU, 430 mm	14
BLMA 6012-35	6 ... 12 GHz	35 / 40	45.4 / 49 ±3	12 / 20	550	3 HU, 550 mm	19
BLMA 6012-40	6 ... 12 GHz	40 / 45	46 / 49 ±3	12 / 20	550	3 HU, 550 mm	19

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 6018-0.5	6 ... 18 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	40	2 HU, 430 mm	11
BLMA 6018-1	6 ... 18 GHz	1 / 1.2	30 / 32 ±2	20 / 20	40	2 HU, 430 mm	11
BLMA 6018-2	6 ... 18 GHz	2 / 2.3	33 / 35 ±2	15 / 20	50	2 HU, 430 mm	11
BLMA 6018-4	6 ... 18 GHz	4 / 5	36 / 39 ±3	15 / 20	150	2 HU, 430 mm	11
BLMA 6018-5	6 ... 18 GHz	5 / 6	37 / 40 ±3	15 / 20	160	2 HU, 430 mm	11
BLMA 6018-7	6 ... 18 GHz	7 / 8	38.5 / 43 ±4	15 / 20	200	2 HU, 430 mm	11
BLMA 6018-10	6 ... 18 GHz	10 / 13	40 / 44 ±4	15 / 20	220	2 HU, 430 mm	12
BLMA 6018-15	6 ... 18 GHz	15 / 18	41.8 / 46 ±4	15 / 20	350	2 HU, 430 mm	13
BLMA 6018-20	6 ... 18 GHz	20 / 22	43 / 47 ±4	15 / 20	400	2 HU, 430 mm	14
BLMA 6018-35	6 ... 18 GHz	35 / 40	45.4 / 50 ±4	18 / 20	800	3 HU, 430 mm	20
BLMA 6018-60	6 ... 18 GHz	60 / 75	47.5 / 52 ±4	20 / 20	1250	4 HU, 630 mm	42

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 6020-20	6 ... 20 GHz	20 / 25	43 / 46 ±3	15 / 20	400	3 HU, 550 mm	19

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 8012-1	8 ... 12 GHz	1 / 1.2	30 / 32 ±2	20 / 20	30	2 HU, 430 mm	10
BLMA 8012-2	8 ... 12 GHz	2 / 2.3	33 / 35 ±2	20 / 20	70	2 HU, 430 mm	11
BLMA 8012-5	8 ... 12 GHz	5 / 6	37 / 39 ±2	20 / 20	90	2 HU, 430 mm	12
BLMA 8012-10	8 ... 12 GHz	10 / 13	40 / 42 ±2	20 / 20	125	2 HU, 430 mm	12
BLMA 8012-15	8 ... 12 GHz	15 / 20	41.8 / 44 ±2	20 / 20	150	2 HU, 430 mm	12
BLMA 8012-20	8 ... 12 GHz	20 / 25	43 / 46 ±3	20 / 20	450	2 HU, 430 mm	12
BLMA 8012-40	8 ... 12 GHz	40 / 45	46 / 49 ±3	20 / 20	500	3 HU, 430 mm	17
BLMA 8012-80	8 ... 12 GHz	80 / 90	49 / 53 ±4	20 / 20	1000	3 HU, 430 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
BLMA 8018-0.5	8 ... 18 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	40	2 HU, 430 mm	10
BLMA 8018-1	8 ... 18 GHz	1 / 1.2	30 / 32 ±2	20 / 20	40	2 HU, 430 mm	10
BLMA 8018-1.5	8 ... 18 GHz	1.5 / 1.7	31.8 / 34 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 8018-2	8 ... 18 GHz	2 / 2.3	33 / 35 ±2	18 / 20	75	2 HU, 430 mm	11
BLMA 8018-5	8 ... 18 GHz	5 / 6	37 / 39 ±2	15 / 20	150	2 HU, 430 mm	12
BLMA 8018-7	8 ... 18 GHz	7 / 8	38.5 / 41 ±2	20 / 20	200	2 HU, 430 mm	12
BLMA 8018-10	8 ... 18 GHz	10 / 11	40 / 43 ±3	15 / 20	200	2 HU, 430 mm	12
BLMA 8018-20	8 ... 18 GHz	20 / 22	43 / 47 ±4	15 / 20	350	2 HU, 430 mm	14
BLMA 8018-35	8 ... 18 GHz	35 / 40	45.4 / 50 ±4	20 / 20	800	3 HU, 430 mm	20

BLMA 8018-70	8 ... 18 GHz	70 / 75	48.4 / 53 ±4	20 / 20	1250	4 HU, 630 mm	42

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 1218-1	12 ... 18 GHz	1 / 1.2	30 / 32 ±2	20 / 20	40	2 HU, 430 mm	11
BLMA 1218-2	12 ... 18 GHz	2 / 2.3	33 / 35 ±2	20 / 20	60	2 HU, 430 mm	11
BLMA 1218-3	12 ... 18 GHz	3 / 3.5	34.8 / 37 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 1218-5	12 ... 18 GHz	5 / 6	37 / 40 ±3	20 / 20	120	2 HU, 430 mm	11
BLMA 1218-7	12 ... 18 GHz	7 / 8	38.5 / 42 ±3	20 / 20	200	2 HU, 430 mm	12
BLMA 1218-10	12 ... 18 GHz	10 / 11	40 / 43 ±3	15 / 20	250	2 HU, 430 mm	13
BLMA 1218-20	12 ... 18 GHz	20 / 22	43 / 46 ±3	15 / 20	350	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
BLMA 1826-0.25	18 ... 26.5 GHz	0.25 / 0.28	24 / 26 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 1826-0.5	18 ... 26.5 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 1826-0.7	18 ... 26.5 GHz	0.7 / 0.8	28.5 / 31 ±2	20 / 20	50	2 HU, 430 mm	10
BLMA 1826-1	18 ... 26.5 GHz	1 / 1.1	30 / 32 ±2	20 / 20	50	2 HU, 430 mm	11
BLMA 1826-2	18 ... 26.5 GHz	2 / 2.2	33 / 35 ±2	20 / 20	75	2 HU, 430 mm	11
BLMA 1826-4	18 ... 26.5 GHz	4 / 4.4	36 / 40 ±4	20 / 20	150	2 HU, 430 mm	13
BLMA 1826-5	18 ... 26.5 GHz	5 / 6	37 / 41 ±4	20 / 20	150	2 HU, 430 mm	13
BLMA 1826-10	18 ... 26.5 GHz	10 / 12	40 / 44 ±4	20 / 20	300	2 HU, 430 mm	15

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 1840-0.1	18 ... 40 GHz	0.1 / 0.12	20 / 23 ±3	20 / 20	50	2 HU, 430 mm	10
BLMA 1840-0.2	18 ... 40 GHz	0.2 / 0.22	23 / 26 ±3	20 / 20	50	2 HU, 430 mm	10
BLMA 1840-0.3	18 ... 40 GHz	0.3 / 0.35	25 / 28 ±3	20 / 20	50	2 HU, 430 mm	10
BLMA 1840-0.5	18 ... 40 GHz	0.5 / 0.6	27 / 30 ±3	20 / 20	50	2 HU, 430 mm	10
BLMA 1840-0.7	18 ... 40 GHz 18 ... 20 GHz 20 ... 40 GHz	 0.5 / 0.7 0.7 / 0.8	 28 / 32 ±4 28.5 / 33 ±4	 20 / 20 20 / 20	60	2 HU, 430 mm	9
BLMA 1840-1	18 ... 40 GHz 18 ... 20 GHz 20 ... 40 GHz	 0.8 / 1 1 / 1.1	 29 / 32 ±3 30 / 33 ±3	 20 / 20 20 / 20	100	2 HU, 430 mm	10
BLMA 1840-1D	18 ... 40 GHz 18 ... 26.5 GHz 26.5 ... 38 GHz 38 ... 40 GHz	 1 / 1.2 1 / 1.2 0.9 / 1	 30 / 33 ±3 30 / 34 ±4 30 / 33 ±3	 20 / 20 20 / 20 20 / 20	100	2 HU, 430 mm	10
BLMA 1840-2D	18 ... 40 GHz 18 ... 26.5 GHz 26.5 ... 31 GHz 31 ... 39 GHz 39 ... 40 GHz	 2 / 2.2 2 / 2.2 2 / 2.2 1.4 / 1.7	 33 / 36 ±3 33 / 36 ±3 33 / 36 ±3 30 / 33 ±3	 20 / 20 20 / 20 20 / 20 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
BLMA 2631-2	26.5 ... 31 GHz	2 / 2.5	33 / 36 ±3	20 / 20	50	2 HU, 430 mm	11
BLMA 2631-4	26.5 ... 31 GHz	4 / 4.5	36 / 40 ±4	20 / 20	150	2 HU, 430 mm	12
BLMA 2631-5	26.5 ... 31 GHz	5 / 5.5	37 / 41 ±4	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
BLMA 2640-0.1	26.5 ... 40 GHz	0.1 / 0.12	20 / 23 ±3	20 / 20	50	2 HU, 430 mm	10
BLMA 2640-0.2	26.5 ... 40 GHz	0.2 / 0.23	23 / 26 ±3	20 / 20	50	2 HU, 430 mm	11
BLMA 2640-0.3	26.5 ... 40 GHz	0.3 / 0.35	25 / 28 ±3	20 / 20	50	2 HU, 430 mm	11
BLMA 2640-0.5	26.5 ... 40 GHz	0.5 / 0.6	27 / 30 ±3	20 / 20	50	2 HU, 430 mm	11
BLMA 2640-0.8	26.5 ... 40 GHz	0.8 / 1	29 / 32 ±3	20 / 20	50	2 HU, 430 mm	11
BLMA 2640-1	26.5 ... 40 GHz	1 / 1.1	30 / 34 ±4	20 / 20	120	2 HU, 430 mm	11
BLMA 2640-1.5	26.5 ... 40 GHz	1.5 / 1.6	31.8 / 36 ±4	20 / 20	120	2 HU, 430 mm	12
BLMA 2640-2	26.5 ... 40 GHz 26.5 ... 36 GHz 36 ... 40 GHz	 2 / 2.1 1.6 / 1.8	 33 / 37 ±4 32 / 36 ±4	 20 / 20 20 / 20	150	2 HU, 430 mm	12
BLMA 2640-4D	26.5 ... 40 GHz 26.5 ... 31 GHz 31 ... 40 GHz	 4 / 4.5 4 / 4.25	 36 / 40 ±4 36 / 40 ±4	 20 / 20 20 / 20	300	2 HU, 430 mm	13
BLMA 2640-5D	26.5 ... 40 GHz 26.5 ... 31 GHz 31 ... 40 GHz	 5 / 5.25 5 / 5.25	 37 / 41 ±4 37 / 41 ±4	 20 / 20 20 / 20	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
BLMA 3140-2	31 ... 40 GHz	2 / 2.5	33 / 36 ±3	20 / 20	50	2 HU, 430 mm	11
BLMA 3140-4	31 ... 40 GHz	4 / 4.5	36 / 39 ±3	20 / 20	250	2 HU, 430 mm	12
BLMA 3140-5	31 ... 40 GHz	5 / 5.5	37 / 41 ±4	20 / 20	275	2 HU, 430 mm	12

TWAL

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Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
TWAL 0103-250	1 ... 2.5 GHz	250 / 300	54 / 62 ±7.5	4 / 12	3000	5 HU, 660 mm	48
TWAL 0103-500	1 ... 2.5 GHz	500 / 600	54 / 62 ±7.5	2 / 10	4000	15 HU, 800 mm	140
TWAL 0103-500E	1 ... 2.5 GHz	500 / 600	57 / 62 ±5	2 / 10	3500	4 HU, 730 mm	40
TWAL 0103-1000	1 ... 2.5 GHz	1000 / 1100	50 / 60 ±10	8 / 20	12000	41 HU, 800 mm	340
TWAL 0103-1000E	1 ... 2.5 GHz	1000 / 1100	54 / 61.5 ±7.5	3 / 10	7000	12 HU, 800 mm	100

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
TWAL 0118-30/20DH (Hybrid)	1 ... 18 GHz 1 ... 6 GHz 6 ... 18 GHz	 30 / 35 20 / 25	 44.8 / 47 ±2 43 / 48 ±5	 20 / 15 5 / 20	500	4 HU, 630 mm	33
TWAL 0118-50DH (Hybrid)	1 ... 18 GHz 1 ... 6 GHz 6 ... 14 GHz 14 ... 17 GHz 17 ... 18 GHz	 50 / 60 50 / 60 40 / 45 35 / 50	 47 / 50 ±3 47 / 52 ±5 46 / 51 ±5 45.4 / 51 ±5	 15 / 20 5 / 15 20 / 20 20 / 20	600	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
TWAL 0218-20DH (Hybrid)	2 ... 18 GHz 2 ... 6 GHz 6 ... 18 GHz	 20 / 25 20 / 25	 43 / 45 ±2 43 / 48 ±5	 20 / 20 5 / 20	500	4 HU, 630 mm	32

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
TWAL 0204-250E	2 ... 4 GHz	250 / 300	54 / 62 ±7.5	6 / 15	3000	4 HU, 730 mm	32

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
TWAL 0206-200E	2 ... 6 GHz	200 / 220	53 / 60 ±7.5	3 / 10	2500	4 HU, 730 mm	32

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
TWAL 0208-250	2 ... 8 GHz	250 / 300	54 / 62 ±7.5	1 / 5	3000	5 HU, 660 mm	45
TWAL 0208-250E	2.5 ... 8 GHz	250 / 300	54 / 62 ±7.5	3 / 10	2500	4 HU, 630 mm	38
TWAL 0208-300	2 ... 8 GHz	300 / 350	54.8 / 63 ±7.5	0 / 5	3500	5 HU, 660 mm	45
TWAL 0208-500	2.5 ... 7.5 GHz	500 / 550	57 / 62 ±5	5 / 15	3000	4 HU, 630 mm	38
TWAL 0208-500E	2.5 ... 7.5 GHz	500 / 600	57 / 62 ±5	5 / 15	3000	4 HU, 630 mm	30
TWAL 0208-1000	2.5 ... 8 GHz [1)]	1000 / 1100	50 / 58 ±7.5	10 / 15	12000	41 HU, 800 mm	340
TWAL 0208-1000E	2.5 ... 7.5 GHz	1000 / 1100	54 / 61.5 ±7.5	5 / 10	6000	12 HU, 800 mm	100

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
TWAL 0408-20	4 ... 8 GHz	20 / 30	43 / 48 ±5	5 / 20	400	3 HU, 550 mm	20
TWAL 0408-250E	4 ... 8 GHz	250 / 300	54 / 62 ±7.5	6 / 15	3000	4 HU, 730 mm	30

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
TWAL 0410-100	4 ... 10 GHz 4 ... 5 GHz 5 ... 10 GHz	 70 / 150 150 / 200	 50 / 56 ±6 50 / 56 ±6	 3 / 10 3 / 10	1500	3 HU, 610 mm	33

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
TWAL 0412-20	4 ... 12 GHz	20 / 40	43 / 51 ±4	0 / 6	500	3 HU, 550 mm	18

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
TWAL 0418-20	4 ... 18 GHz	20 / 40	43 / 48 ±5	0 / 5	500	3 HU, 550 mm	18
TWAL 0418-30E	4 ... 18 GHz 4 ... 4.5 GHz 4.5 ... 6 GHz 6 ... 16 GHz 16 ... 18 GHz	 25 / 30 30 / 35 70 / 90 30 / 35	 44 / 54 ±10 44.8 / 55 ±10 48.5 / 59 ±10 44.8 / 55 ±10	 0 / 1 1 / 1 4 / 15 20 / 20	800	3 HU, 550 mm	16
TWAL 0418-40E	4 ... 18 GHz 4 ... 4.5 GHz 4.5 ... 6 GHz 6 ... 15 GHz 15 ... 18 GHz	 30 / 35 40 / 45 70 / 90 40 / 45	 44 / 54 ±10 45 / 55 ±10 49 / 59 ±10 45 / 55 ±10	 0 / 1 1 / 1 4 / 15 20 / 20	800	3 HU, 550 mm	16
TWAL 0418-50DH (Hybrid)	4 ... 18 GHz 4 ... 6 GHz 6 ... 17 GHz 17 ... 18 GHz	 50 / 60 50 / 60 35 / 50	 47 / 50 ±3 47 / 52 ±5 45.4 / 51 ±5	 20 / 20 5 / 15 20 / 20	800	4 HU, 630 mm	35
TWAL 0418-100E	4 ... 18 GHz 4 ... 4.5 GHz 4.5 ... 18 GHz	 80 / 100 100 / 120	 50 / 60 ±10 50 / 60 ±10	 0 / 3 1 / 10	800	4 HU, 630 mm	20

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
TWAL 0618-20	6 ... 18 GHz	20 / 30	43 / 48 ±5	5 / 20	400	3 HU, 550 mm	20
TWAL 0618-50	6 ... 18 GHz 6 ... 14 GHz 14 ... 17 GHz 17 ... 18 GHz	 50 / 60 40 / 45 35 / 50	 47 / 52 ±5 46 / 51 ±5 45.4 / 51 ±5	 5 / 15 20 / 20 20 / 20	500	3 HU, 550 mm	30
TWAL 0618-100E	6 ... 18 GHz	100 / 120	50 / 53 ±3	3 / 12	700	4 HU, 630 mm	30
TWAL 0618-300	6 ... 18 GHz	300 / 320	54.8 / 60 ±5	8 / 15	2000	3 HU, 630 mm	34
TWAL 0618-300E	6 ... 18 GHz	300 / 320	54.8 / 60 ±5	5 / 10	3000	4 HU, 630 mm	34

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
TWAL 0812-20	8 ... 12 GHz	20 / 30	43 / 48 ±5	5 / 20	400	3 HU, 550 mm	20
TWAL 0812-1000	8 ... 12.4 GHz	1000 / 1200	60 / 66 ±6	10 / 20	4000	17 HU, 700 mm	98

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight
TWAL 0818-20	8 ... 18 GHz	20 / 30	43 / 53 ±10	12 / 20	400	3 HU, 550 mm	21
TWAL 0818-50/35	8 ... 18 GHz 8 ... 15 GHz 15 ... 18 GHz	 50 / 60 35 / 50	 47 / 55 ±7.5 43 / 51 ±7.5	 5 / 20 5 / 20	400	3 HU, 550 mm	20
TWAL 0818-250	8 ... 18 GHz	250 / 300	54 / 62 ±7.5	8 / 20	1500	3 HU, 630 mm	34
TWAL 0818-250E	8 ... 18 GHz	250 / 300	54 / 62 ±7.5	7 / 15	2000	4 HU, 630 mm	32
TWAL 0818-320	8 ... 18 GHz	320 / 350	55 / 63 ±7.5	6 / 18	1600	3 HU, 630 mm	34
TWAL 0818-500	8 ... 18 GHz	500 / 550	57 / 65 ±7.5	7 / 20	4000	15 HU, 700 mm	115
TWAL 0818-500E	8 ... 18 GHz	500 / 550	57 / 65 ±7.5	7 / 20	3000	8 HU, 630 mm	55
TWAL 0818-1000	8 ... 18 GHz	1000 / 1100	60 / 68 ±7.5	10 / 20	9000	41 HU, 800 mm	270
TWAL 0818-1000E	8 ... 18 GHz	1000 / 1100	60 / 68 ±7.5	15 / 20	6000	21 HU, 800 mm	120

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
TWAL 1012-1000	10 ... 12 GHz	1000 / 1200	50 / 60 ±10	10 / 20	4000	17 HU, 700 mm	90

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
TWAL 1218-20	12 ... 18 GHz	20 / 40	43 / 48 ±5	5 / 20	400	3 HU, 550 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
TWAL 1822-250	18 ... 22 GHz	250 / 300	54 / 57 ±3	20 / 20	3000	5 HU, 660 mm	37

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
TWAL 1823-200E	18 ... 23 GHz	200 / 220	53 / 58 ±5	15 / 20	2200	6 HU, 730 mm	35

Model	Frequency Range	Output Power	Gain	Harmonics	Line Power	Dimensions	Weight

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