

STANDARD MODELS

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	20 / 20	180	2 HU, 430 mm	10
BLMA 1060-10	1 ... 6 GHz	10 / 15	40 / 42 ±2	15 / 20	250	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	18 / 20	450	2 HU, 430 mm	13
BLMA 1060-30	1 ... 6 GHz	30 / 35	44.8 / 48 ±3	18 / 20	500	2 HU, 430 mm	15
BLMA 1060-30D	1 ... 6 GHz				450	3 HU, 430 mm	25
	1 ... 2 GHz	30 / 35	44.8 / 47 ±2	20 / 20			
	2 ... 6 GHz	30 / 35	44.8 / 47 ±2	20 / 20			
BLMA 1060-50	1 ... 6 GHz	50 / 70	47 / 50 ±3	15 / 20	500	2 HU, 430 mm	13
BLMA 1060-75	1 ... 6 GHz	75 / 80	48.8 / 52 ±3	15 / 20	950	3 HU, 430 mm	20
BLMA 1060-100/60/30D	1 ... 6 GHz				700	4 HU, 630 mm	38
	1 ... 2 GHz	100 / 120	50 / 52 ±2	20 / 20			
	2 ... 4 GHz	60 / 70	47.8 / 50 ±2	15 / 20			
	4 ... 6 GHz	30 / 40	44.8 / 47 ±2	20 / 20			
BLMA 1060-100	1 ... 6 GHz	100 / 120	50 / 53 ±3	15 / 20	950	3 HU, 430 mm	20
BLMA 1060-150/50D	1 ... 6 GHz				1300	3 HU, 630 mm	25
	1 ... 2.5 GHz	150 / 180	51.8 / 55 ±2	15 / 20			
	2.5 ... 6 GHz	50 / 60	47 / 49 ±2	15 / 20			
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				1600	9 HU, 630 mm	82
	1 ... 2 GHz	200 / 240	53 / 55 ±2	20 / 20			
	2 ... 4 GHz	180 / 240	53 / 55 ±2	20 / 20			
	4 ... 6 GHz	100 / 120	50 / 52 ±2	20 / 20			
BLMA 1060-200/100DS	1 ... 6 GHz				1600	6 HU, 630 mm	65
	1 ... 2.5 GHz	200 / 240	53 / 55 ±2	15 / 20			
	2.5 ... 6 GHz	100 / 120	50 / 52 ±2	15 / 20			

BLMA 1 ... 6 GHz Solid State Amplifiers

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BLMA 1060-200/150DS	1 ... 6 GHz				1800	6 HU, 630 mm	58
	1 ... 2.5 GHz	200 / 230	53 / 55 ±2	20 / 20			
	2.5 ... 6 GHz	150 / 180	51.8 / 54 ±2	20 / 20			
BLMA 1060-200	1 ... 6 GHz	200 / 220	53 / 56 ±3	18 / 20	3300	5 HU, 630 mm	59
BLMA 1060-200DS	1 ... 6 GHz				3000	12 HU, 800 mm	110
	1 ... 2.5 GHz	200 / 240	53 / 55 ±2	20 / 20			
	2.5 ... 6 GHz	200 / 240	53 / 55 ±2	15 / 20			
BLMA 1060-250	1 ... 6 GHz	250 / 280	54 / 57 ±3	15 / 20	4500	7 HU, 630 mm	84
BLMA 1060-300/150/100D	1 ... 6 GHz				2500	6 HU, 630 mm	67
	1 ... 2.5 GHz	300 / 320	54.8 / 57 ±2	20 / 20			
	2.5 ... 4 GHz	150 / 170	51.8 / 54 ±2	15 / 20			
	4 ... 6 GHz	100 / 120	50 / 52 ±2	20 / 20			
BLMA 1060-400/100D	1 ... 6 GHz				6500	8 HU, 630 mm	105
	1 ... 4 GHz	400 / 450	56 / 59 ±3	20 / 20			
	4 ... 6 GHz	100 / 120	50 / 53 ±3	20 / 20			
BLMA 1060-400	1 ... 6 GHz	400 / 450	56 / 59 ±3	15 / 20	5000	10 HU, 630 mm	110
BLMA 1060-500	1 ... 6 GHz	500 / 550	57 / 60 ±3	15 / 20	7000	12 HU, 800 mm	142
BLMA 1060-750	1 ... 6 GHz	750 / 800	58.8 / 62 ±3	15 / 20	10000	18 HU, 800 mm	190
BLMA 1060-1000/300D	1 ... 6 GHz				13500	32 HU, 800 mm	310
	1 ... 3.2 GHz	1000 / 1100	60 / 63 ±3	15 / 20			
	3.2 ... 6 GHz	300 / 350	54.8 / 58 ±3	15 / 20			
BLMA 1060-1000	1 ... 6 GHz	1000 / 1100	60 / 63 ±3	15 / 20	15000	32 HU, 800 mm	350

For individual data sheets, please click on the above model name

1 HU = 44.45 mm

STANDARD SPECIFICATIONS

Input Power:	0 dBm [1 mW] max.
Overdrive Protection:	up to +10 dBm for no damage
Input Impedance:	50 Ohm nominal
Output Impedance:	50 Ohm nominal
Input VSWR:	<2:1 typ.
Load VSWR:	infinite for no damage (100% mismatch tolerant)
	P_N -0.5 dB min. at VSWR 2:1
Spurious (at P_N):	-50 dBc typ. (excluding harmonics)
Class of Operation:	A-linear or AB-linear

GENERAL

RF Input:	<12 GHz	N-f, standard on rear panel
	12 bis 18 GHz	SMA-f, standard on front panel

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RF Output:	>18 GHz	2.92 mm-f, standard on front panel
	<12 GHz	N-f, standard on rear panel
	12 to 18 GHz	SMA-f, standard on front panel
Mains Supply:	>18 GHz	2.92 mm-f, standard on front panel
	Line Power:	
	Line Power	
	<800 VA	100 ... 240 V AC ±10%
	800 ... 3000 VA	200 ... 240 V AC ±10%
	>3000 VA	3x 400 V AC ±10%
Elapsed Time Meter:	via status display	
Ambient Temperature:	0 ... +45 °C	
Storage Temperature:	-20 ... +85 °C	
Relative Humidity:	up to 95% (non-condensing)	
Operating Altitude:	up to 2000 m above sea level	
Vibration and Shock:	MIL-STD-810 F	
Cooling:	forced air with integral blower air intake from front, air exhaust at rear	

OPTIONS

- A) RF-Sample Ports *)
- B) External Dual Directional Coupler
- C) IEEE-488.2 GPIB Remote Control
- D) Front Panel RF Connectors
- E) RF Power Indication (digital) *)
- F) Gain Adjustment *)
- G) Output Isolator *)
- H) DC Supply
- I) 3x 208 V AC / 60 Hz
- L) LAN Remote Control
- N) Harmonics Filtering *)
- R) RS-232C Remote Control
- S) Internal RF Switching Unit *)
- U) USB Remote Control
- W) Liquid Cooling
- X) External Control of other Amplifiers

*) These options may reduce output power and/or gain