

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 4060-2	4 ... 6 GHz	2 / 2.5	33 / 35 ±2	20 / 20	75	2 HU, 430 mm	10
BLMA 4060-4	4 ... 6 GHz	4 / 4.5	36 / 38 ±2	20 / 20	80	2 HU, 430 mm	10
BLMA 4060-10	4 ... 6 GHz	10 / 11	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	10
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 / 49 ±2	20 / 20	500	2 HU, 430 mm	13
BLMA 4060-100	4 ... 6 GHz	100 / 120	50 / 53 ±3	20 / 20	1050	3 HU, 430 mm	28
BLMA 4060-200	4 ... 6 GHz	200 / 230	53 / 55 ±2	20 / 20	2500	4 HU, 630 mm	37
BLMA 4060-400	4 ... 6 GHz	400 / 450	56 / 58 ±2	20 / 20	6000	8 HU, 630 mm	88
BLMA 4060-850	4 ... 6 GHz	850 / 900	59.3 / 60 ±2	20 / 20	13000	15 HU, 800 mm	200

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
	>18 GHz	2.92 mm-f, standard on front panel
RF Output:	<12 GHz	N-f, standard on rear panel
	12 to 18 GHz	SMA-f, standard on front panel
	>18 GHz	2.92 mm-f, standard on front panel
Mains Supply:	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	

BLMA 4 ... 6 GHz Solid State Amplifiers

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