

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 2060-0.5	2 ... 6 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 2060-1	2 ... 6 GHz	1 / 1.2	30 / 32 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 2060-2	2 ... 6 GHz	2 / 2.3	33 / 35 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 2060-3	2 ... 6 GHz	3 / 3.3	34.8 / 37 ±2	20 / 20	90	3 HU, 350 mm	11
BLMA 2060-10	2 ... 6 GHz	10 / 12	40 / 42 ±2	18 / 20	150	3 HU, 350 mm	12
BLMA 2060-20	2 ... 6 GHz	20 / 25	43 / 45 ±2	20 / 20	300	3 HU, 550 mm	16
BLMA 2060-30	2 ... 6 GHz	30 / 40	44.8 / 47 ±2	20 / 20	400	3 HU, 630 mm	22
BLMA 2060-50	2 ... 6 GHz	50 / 80	47 / 49 ±2	20 / 20	800	3 HU, 630 mm	28
BLMA 2060-100	2 ... 6 GHz	100 / 130	50 / 52 ±2	20 / 20	1600	6 HU, 630 mm	54
BLMA 2060-110/50	2 ... 6 GHz				900	3 HU, 630 mm	27
	2 ... 4 GHz	110 / 130	50.4 / 53 ±2	20 / 20			
	4 ... 6 GHz	50 / 60	47 / 49 ±2	20 / 20			
BLMA 2060-180/100	2 ... 6 GHz				1600	6 HU, 630 mm	57
	2 ... 4 GHz	180 / 200	53 / 55 ±2	15 / 20			
	4 ... 6 GHz	100 / 125	50 / 52 ±2	20 / 20			
BLMA 2060-200	2 ... 6 GHz	200 / 250	53 / 55 ±2	20 / 20	3000	10 HU, 630 mm	100
BLMA 2060-500	2 ... 6 GHz	500 / 550	57 / 60 ±3	20 / 20	6500	21 HU, 800 mm	280

1 HU = 44.45mm

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:	2:1 max. für P_N -0.5 dB; infinite for no damage
Spurious (at P_N):	-50 dBc typ. (excluding harmonics)
Class of Operation:	A-linear

GENERAL

RF Input:	<8 GHz	N-f, standard on rear panel
	8 bis 18 GHz	SMA-f, standard on front panel
	>18 GHz	2.92 mm-f, standard on front panel
RF Output:	<8 GHz	N-f, standard on rear panel

BLMA 2 ... 6 GHz Solid State Amplifiers

	8 to 18 GHz	SMA-f, standard on front panel
	>18 GHz	2.92 mm-f, standard on front panel
	BLMA 2640-2	WR-28, standard on front panel
Mains Supply:	Line Power:	
	Line Power	
	<1000 VA	100 ... 240 V AC ±10%
	1000 ... 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	H) DC Supply
B) External Dual Directional Coupler	I) 3x 200 V AC / 60 Hz
C) IEEE-488.2 GPIB Remote Control	L) LAN Remote Control
D) Front Panel RF Connectors	R) RS-232C Remote Control
E) Power Indication (digital)	U) USB Remote Control
F) Gain Adjustment	W) Liquid Cooling
G) Output Isolator	