

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 1826-0.25	18 ... 26.5 GHz	0.25 / 0.28	24 / 26 ±2	20 / 20	50	2 HU, 430 mm	9
BLMA 1826-0.5	18 ... 26.5 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	50	2 HU, 430 mm	9
BLMA 1826-0.7	18 ... 26.5 GHz	0.7 / 0.8	28.5 / 31 ±2	20 / 20	50	2 HU, 430 mm	9
BLMA 1826-1	18 ... 26.5 GHz	1 / 1.1	30 / 32 ±2	20 / 20	50	2 HU, 430 mm	9
BLMA 1826-2	18 ... 26.5 GHz	2 / 2.2	33 / 35 ±2	20 / 20	75	2 HU, 430 mm	9
BLMA 1826-3	18 ... 26.5 GHz	3 / 3.3	34.8 / 38 ±3	20 / 20	120	2 HU, 430 mm	10
BLMA 1826-4	18 ... 26.5 GHz	4 / 4.4	36 / 40 ±4	20 / 20	150	2 HU, 430 mm	11
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

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	
Storage Temperature:	-20 ... +85 °C	
Relative Humidity:	up to 95% (non-condensing)	

BLMA 18 ... 26.5 GHz Solid State Amplifiers

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 |