

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	3 HU, 350 mm	10
BLMA 1826-0.5	18 ... 26.5 GHz	0.5 / 0.6	27 / 29 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 1826-0.7	18 ... 26.5 GHz	0.7 / 0.8	28.5 / 31 ±2	20 / 20	50	3 HU, 350 mm	10
BLMA 1826-1	18 ... 26.5 GHz	1 / 1.1	30 / 32 ±2	20 / 20	50	3 HU, 350 mm	11
BLMA 1826-2	18 ... 26.5 GHz	2 / 2.2	33 / 35 ±2	20 / 20	75	3 HU, 350 mm	11
BLMA 1826-4	18 ... 26.5 GHz 18 ... 26 GHz 26 ... 26.5 GHz	4 / 4.4 3 / 3.3	36 / 40 ±4 36 / 40 ±4	20 / 20 20 / 20	120	3 HU, 350 mm	12
BLMA 1826-5	18 ... 26.5 GHz	5 / 5.5	37 / 40 ±3	20 / 20	150	3 HU, 350 mm	12
BLMA 1826-10	18 ... 26.5 GHz	10 / 12	40 / 43 ±3	20 / 20	350	3 HU, 550 mm	13

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 8 bis 18 GHz >18 GHz	N-f, standard on rear panel SMA-f, standard on front panel 2.92 mm-f, standard on front panel
RF Output:	<8 GHz 8 to 18 GHz >18 GHz BLMA 2640-2	N-f, standard on rear panel SMA-f, standard on front panel 2.92 mm-f, standard on front panel WR-28, standard on front panel
Mains Supply:	Line Power: Line Power <1000 VA 1000 ... 3000 VA >3000 VA	100 ... 240 V AC ±10% 200 ... 240 V AC ±10% 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 | 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 | |