

Cellular Bands

1,8 ... 2,0 GHz

Standard Models

Model	Frequency Range	Output Power P_N min W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power W	Dimensions (H,D) 19"-System	Weight kg
BLMA 1820-120	1,8 ... 2,0 GHz	120	51 / 53 $\pm$ 2	50 / 50	750	4 HU, 550 mm	27

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. for P_N -0.5 dB infinite for no damage
Spurious (at P_N):	-50 dBc typ.(excluding harmonics)
Class of Operation:	A-linear (GHz) A-B linear (GHz)

General:

RF Input:	N-f; standard on rear panel
RF Output:	N-f; standard on rear panel
Mains Supply:	Line Power: <1000 W 100 ... 240 V AC $\pm$ 10% / 47 ... 63 Hz Line Power: 1000 ... 3000 W 200 ... 240 V AC $\pm$ 10% / 47 ... 63 Hz Line Power: >3000 W

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	3x 400 V AC $\pm 10\%$ / 47 ... 63 Hz
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 Monitor Outputs	F) Gain Adjustment
B) External Dual Directional Coupler	G) Output Isolator
C) IEEE-488.2 GPIB Remote Control	H) DC-Supply
D) Front Panel RF-Connectors	R) RS-232C Remote Control
E) Power Indication (digital)	U) USB Remote Control

Specifications are subject to change without notice

