BLMA

0,1 ... 18 GHz

Solid State

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 0118−0.1	0,1 ... 18 GHz	0.1	20 / 22 ±2	15 / 20	50	3 HU, 350 mm	11

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

General:

RF Input:	N−f (<8 GHz), standard on rear panel SMA−f (8 to 18 GHz), standard on front panel K−f (>18 GHz), standard on front panel
RF Output:	N−f (<8 GHz), standard on rear panel SMA−f (8 to 18 GHz), standard on front panel K−f (>18 GHz), standard on front panel
Mains Supply:	Line Power: <1000 W 100 ... 240 V AC ±10% / 47 ... 63 Hz

	Line Power: 1000 ... 3000 W 200 ... 240 V AC ±10% / 47 ... 63 Hz Line Power: >3000 W 3x 400 V AC ±10% / 47 ... 63 Hz
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 Monitor Outputs
B) External Dual Directional Coupler
C) IEEE−488.2 GPIB Remote Control
D) Front Panel RF−Connectors
E) Power Indication (digital)
F) Gain Adjustment
G) Output Isolator
H) DC−Supply
I) 3x 200 V AC / 60 Hz
R) RS−232C Remote Control
U) USB Remote Control

Specifications are subject to change without notice

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