Cellular Bands

1,8 ... 2,2 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 1822−10	1,8 ... 2,2 GHz	10	40 / 42 ±2	50 / 50	75	3 HU, 350 mm	12
BLMA 1822−20	1,8 ... 2,2 GHz	20	43 / 45 ±2	50 / 50	200	3 HU, 350 mm	14
BLMA 1822−40	1,8 ... 2,2 GHz	40	46 / 48 ±2	50 / 50	350	3 HU, 450 mm	16
BLMA 1822−100	1,8 ... 2,2 GHz	100	50 / 52 ±2	50 / 50	750	4 HU, 550 mm	27
BLMA 1822−180	1,8 ... 2,2 GHz	180	52 / 54 ±2	50 / 50	1500	4 HU, 630 mm	40
BLMA 1822−200/150	1,8 ... 2,2 GHz 1.9 ... 2.1 GHz 1.8 ... 2.2 GHz	200/150 200 150	 53 / 55 ±2 51.8 54 ±2	50 / 50	1500	4 HU, 630 mm	40

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 ±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
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
R) RS−232C Remote Control
U) USB Remote Control

Specifications are subject to change without notice

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