Cellular Bands

930 ... 960 MHz

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
BLWA 9396−10	930 ... 960 MHz	10	40 / 42 ±2	25 / 25	75	3 HU, 350 mm	11
BLWA 9396−25	930 ... 960 MHz	25	44 / 46 ±2	25 / 25	150	3 HU, 350 mm	12
BLWA 9396−50	930 ... 960 MHz	50	47 / 49 ±2	50 / 50	300	3 HU, 450 mm	15
BLWA 9396−100	930 ... 960 MHz	100	50 / 52 ±2	50 / 50	500	3 HU, 550 mm	18
BLWA 9396−200	930 ... 960 MHz	200	53 / 55 ±2	50 / 50	1200	4 HU, 630 mm	35

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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