

## 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
BLWA 0250-15	20 ... 500 MHz	15 / 18	41.8 / 44 ±2	20 / 15	250	3 HU, 350 mm	12
BLWA 0250-35	20 ... 500 MHz	35 / 40	45.4 / 48 ±2	20 / 20	280	3 HU, 350 mm	13
BLWA 0250-60	20 ... 500 MHz	60 / 70	47.8 / 50 ±2	20 / 15	500	4 HU, 550 mm	30
BLWA 0250-85	20 ... 500 MHz	85 / 100	49.3 / 52 ±2	20 / 15	500	4 HU, 550 mm	30
BLWA 0250-125	20 ... 500 MHz	125 / 135	51 / 53 ±2	20 / 15	1000	4 HU, 550 mm	35
BLWA 0250-200	20 ... 500 MHz	200 / 300	53 / 55 ±2	20 / 20	1250	5 HU, 630 mm	40
BLWA 0250-400	20 ... 500 MHz	400 / 600	56 / 58 ±2	20 / 20	2500	5 HU, 630 mm	45
BLWA 0250-500	20 ... 500 MHz	500 / 600	57 / 59 ±2	20 / 15	3000	5 HU, 630 mm	50
BLWA 0250-750	20 ... 500 MHz	750 / 1000	58.8 / 61 ±2	20 / 15	5000	8 HU, 630 mm	75

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 or A-B linear

## GENERAL

RF Input:	N-f, standard on rear panel
RF Output:	standard on rear panel
	$P_N$ up to 1 kW    N-f
	$P_N$ >1 kW        7-16-f
	$P_N$ >2 kW        13-30-f or 1 5/8" EIA
Mains Supply:	Line Power:
	<1000 VA        100 ... 240 V AC ±10%
	1000 ... 3000 VA    200 ... 240 V AC ±10%
	3000 VA        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)
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

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|--------------------------------------|---------------------------|
| 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    | C) 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         |