

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 0103-100	1.5 ... 30 MHz	100 / 120	50 / 52 ±2	20 / 20	400	4 HU, 550 mm	19
BLWA 0103-250	1.5 ... 30 MHz	250 / 300	54 / 56 ±2	20 / 18	800	4 HU, 550 mm	22
BLWA 0103-500	1.5 ... 30 MHz	500 / 600	57 / 59 ±2	20 / 12	2000	4 HU, 630 mm	35
BLWA 0103-1000	1.5 ... 30 MHz	1000 / 1200	60 / 62 ±2	20 / 12	4500	7 HU, 630 mm	80
BLWA 0103-2000	1.5 ... 30 MHz	2000 / 2200	63 / 65 ±2	20 / 12	10000	8 HU, 630 mm	100
BLWA 0103-3500	1.5 ... 30 MHz	3500 / 4000	65.4 / 68 ±2	20 / 12	13000	15 HU, 630 mm	150
BLWA 0103-5000	1.5 ... 30 MHz	5000 / 6000	67 / 69 ±2	20 / 12	25000	37 HU, 800 mm	500
BLWA 0103-10000	1.5 ... 30 MHz	10000 / 12000	70 / 72 ±2	20 / 12	60000	2x 37 HU, 800 mm	1000
BLWA 0103-20000	1.5 ... 30 MHz	20000 / 22000	73 / 75 ±2	20 / 12	120000	4x 37 HU, 800 mm	2000

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

- | | |
|--------------------------------------|---------------------------|
| 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 |