

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	2 HU, 430 mm	12
BLWA 0250-35	20 ... 500 MHz	35 / 40	45.4 / 48 ±2	20 / 20	280	2 HU, 430 mm	13
BLWA 0250-60	20 ... 500 MHz	60 / 70	47.8 / 50 ±2	20 / 15	350	2 HU, 430 mm	13
BLWA 0250-85	20 ... 500 MHz	85 / 100	49.3 / 52 ±2	20 / 15	500	3 HU, 430 mm	18
BLWA 0250-125	20 ... 500 MHz	125 / 135	51 / 53 ±2	20 / 15	1000	3 HU, 630 mm	35
BLWA 0250-250	20 ... 500 MHz	250 / 300	54 / 56 ±2	20 / 20	1250	5 HU, 630 mm	40
BLWA 0250-500	20 ... 500 MHz	500 / 600	57 / 59 ±2	20 / 20	2500	5 HU, 630 mm	45
BLWA 0250-700	20 ... 500 MHz	700 / 800	58.4 / 61 ±2	20 / 20	3500	5 HU, 630 mm	50
BLWA 0250-1000	20 ... 500 MHz	1000 / 1200	60 / 62 ±2	20 / 20	6500	9 HU, 630 mm	93

For individual data sheets, please click on the above model name

1 HU = 44.45 mm

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:	infinite for no damage (100% mismatch tolerant)
	P_N -0.5 dB min. at VSWR 2:1
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 G

Cooling: forced air with integral blower
air intake from front, air exhaust at rear

OPTIONS

- | | |
|--------------------------------------|---|
| A) RF-Sample Ports | I) 3x 208 V AC / 60 Hz |
| B) External Dual Directional Coupler | L) LAN Remote Control |
| C) IEEE-488.2 GPIB Remote Control | S) Internal RF Switching Unit |
| D) Front Panel RF Connectors | R) RS-232C Remote Control |
| E) RF Power Indication (digital) | U) USB Remote Control |
| F) Gain Adjustment | W) Liquid Cooling |
| H) DC Supply | X) External Control of other Amplifiers |