

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 0260-20	20 ... 6000 MHz	20 / 25	43 / 47 ±4	15 / 20	500	2 HU, 430 mm	14
BLWA 0260-25D	20 ... 6000 MHz				500	3 HU, 430 mm	19
	20 ... 1000 MHz	25 / 30	44 / 46 ±2	20 / 20			
	1000 ... 6000 MHz	25 / 30	44 / 46 ±2	15 / 20			
BLWA 0260-30/10D	20 ... 6000 MHz				320	2 HU, 430 mm	17
	20 ... 1000 MHz	30 / 35	44.8 / 47 ±2	20 / 20			
	1000 ... 6000 MHz	10 / 13	40 / 43 ±3	15 / 20			
BLWA 0260-30/20/10D	20 ... 6000 MHz				320	2 HU, 430 mm	14
	20 ... 1000 MHz	30 / 35	44.8 / 47 ±2	25 / 20			
	1 ... 2.5 GHz	20 / 25	43 / 46 ±3	15 / 20			
	2.5 ... 6 GHz	10 / 13	40 / 43 ±3	15 / 20			
BLWA 0260-40D	20 ... 6000 MHz				700	3 HU, 430 mm	21
	20 ... 1000 MHz	40 / 45	46 / 48 ±2	20 / 20			
	1000 ... 6000 MHz	40 / 45	46 / 49 ±3	15 / 20			
BLWA 0260-50/25D	20 ... 6000 MHz				550	3 HU, 430 mm	19
	20 ... 1000 MHz	50 / 60	47 / 49 ±2	20 / 20			
	1000 ... 6000 MHz	25 / 30	44 / 47 ±3	15 / 20			
BLWA 0260-100D	20 ... 6000 MHz				1100	4 HU, 630 mm	38
	20 ... 1000 MHz	100 / 120	50 / 52 ±2	20 / 15			
	1000 ... 6000 MHz	100 / 120	50 / 53 ±3	15 / 20			

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

BLWA 20 ... 6000 MHz Solid State Amplifiers

	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 $\pm 10\%$
	1000 ... 3000 VA	200 ... 240 V AC $\pm 10\%$
	>3000 VA	3x 400 V AC $\pm 10\%$
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