

## 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
BSA 0125-5	9 kHz ... 250 MHz	5 / 8	37 / 39 ±2	20 / 20	100	3 HU, 350 mm	11
BSA 0125-15	9 kHz ... 250 MHz	15 / 25	41.8 / 44 ±2	20 / 20	175	3 HU, 350 mm	13
BSA 0125-25	9 kHz ... 250 MHz	25 / 30	44 / 46 ±2	20 / 20	200	3 HU, 350 mm	13
BSA 0125-75	9 kHz ... 250 MHz	75 / 100	48.8 / 51 ±2	20 / 20	350	4 HU, 550 mm	19
BSA 0125-125	9 kHz ... 250 MHz	125 / 150	51 / 53 ±2	20 / 20	550	4 HU, 550 mm	22
BSA 0125-150	9 kHz ... 250 MHz	150 / 200	51.8 / 54 ±2	20 / 20	800	4 HU, 550 mm	32
BSA 0125-200	9 kHz ... 250 MHz	200 / 220	53 / 55 ±2	20 / 20	1200	4 HU, 550 mm	34
BSA 0125-250	9 kHz ... 250 MHz	250 / 300	54 / 56 ±2	20 / 20	1400	5 HU, 630 mm	45
BSA 0125-400	9 kHz ... 250 MHz	400 / 500	56 / 58 ±2	20 / 20	2000	5 HU, 630 mm	52
BSA 0125-500	9 kHz ... 250 MHz	500 / 600	57 / 59 ±2	20 / 20	2500	5 HU, 630 mm	55
BSA 0125-800	9 kHz ... 250 MHz	800 / 900	59 / 61 ±2	20 / 20	5000	12 HU, 630 mm	100
BSA 0125-1000/800	9 kHz ... 250 MHz				5000	15 HU, 630 mm	120
	9 kHz ... 100 MHz	1000 / 1200	60 / 62 ±2	20 / 20			
	100 ... 250 MHz	800 / 1000	60 / 62 ±2	20 / 20			
BSA 0125-1000	9 kHz ... 250 MHz	1000 / 1100	60 / 62 ±2	20 / 20	6000	18 HU, 800 mm	185

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

## GENERAL

RF Input:	N-f, standard on rear panel
RF Output:	N-f, standard on rear panel
Mains Supply:	Line Power:
	<1000 VA      100 ... 240 V AC ±10% / 47 ... 63 Hz
	1000 ... 3000 VA      200 ... 240 V AC ±10% / 47 ... 63 Hz
	>3000 VA      3x 400 V AC ±10% / 47 ... 63 Hz
Elapsed Time Meter:	via status display

# BSA 9 kHz ... 250 MHz Solid State Amplifiers

<b>Ambient Temperature:</b>	0 ... +45 °C
<b>Storage Temperature:</b>	-20 ... +85 °C
<b>Relative Humidity:</b>	up to 95% (non-condensing)
<b>Operating Altitude:</b>	up to 2000 m above sea level
<b>Vibration and Shock:</b>	MIL-STD-810 F
<b>Cooling:</b>	forced air with integral blower air intake from front, air exhaust at rear

## OPTIONS

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|--------------------------------------|---------------------------|
| A) RF Monitor Outputs                | H) DC Supply              |
| B) External Dual Directional Coupler | L) LAN Remote Control     |
| C) IEEE-488.2 GPIB Remote Control    | R) RS-232C Remote Control |
| D) Front Panel RF Connectors         | U) USB Remote Control     |
| E) Power Indication (digital)        | W) Liquid Cooling         |
| F) Gain Adjustment                   |                           |