

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 1025-40	100 kHz ... 250 MHz	40 / 45	46 / 48 ±2	25 / 20	350	2 HU, 430 mm	13
BSA 1025-100	100 kHz ... 250 MHz	100 / 110	50 / 52 ±2	20 / 20	500	2 HU, 430 mm	13
BSA 1025-150	100 kHz ... 250 MHz	150 / 170	51.8 / 54 ±2	20 / 20	650	3 HU, 630 mm	28
BSA 1025-200	100 kHz ... 250 MHz	200 / 240	53 / 55 ±2	20 / 20	800	3 HU, 630 mm	29
BSA 1025-250	100 kHz ... 250 MHz	250 / 280	54 / 56 ±2	20 / 20	1200	3 HU, 630 mm	30
BSA 1025-400	100 kHz ... 250 MHz	400 / 450	56 / 58 ±2	20 / 20	2250	5 HU, 630 mm	46
BSA 1025-500	100 kHz ... 250 MHz	500 / 600	57 / 59 ±2	20 / 20	2300	5 HU, 630 mm	52
BSA 1025-1000	100 kHz ... 250 MHz	1000 / 1100	60 / 62 ±2	20 / 20	6000	10 HU, 630 mm	110
BSA 1025-1250	100 kHz ... 250 MHz	1250 / 1350	61 / 63 ±2	20 / 20	6500	10 HU, 630 mm	110
BSA 1025-2000	100 kHz ... 250 MHz	2000 / 2200	63 / 65 ±2	20 / 20	13000	18 HU, 800 mm	180

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
	<1 kW N-f
	<3 kW 7-16-f
	<5 kW EIA 1 5/8
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
Ambient Temperature:	0 ... +45 °C
Storage Temperature:	-20 ... +85 °C
Relative Humidity:	up to 95% (non-condensing)

BSA 100 kHz ... 250 MHz Solid State Amplifiers

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