

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 0150-5	9 kHz ... 500 MHz	5 / 8	37 / 39 ±2	20 / 20	100	2 HU, 430 mm	11
BSA 0150-10	9 kHz ... 500 MHz	10 / 12	40 / 42 ±2	20 / 20	150	2 HU, 430 mm	12
BSA 0150-30	9 kHz ... 500 MHz	30 / 35	44.8 / 47 ±2	20 / 20	320	2 HU, 430 mm	13
BSA 0150-50	9 kHz ... 500 MHz	50 / 70	47 / 49 ±2	20 / 20	400	3 HU, 630 mm	20
BSA 0150-75	9 kHz ... 500 MHz	75 / 90	48.8 / 51 ±2	20 / 20	850	3 HU, 630 mm	26
BSA 0150-100	9 kHz ... 500 MHz	100 / 120	50 / 52 ±2	20 / 20	900	3 HU, 630 mm	26
BSA 0150-150D	9 kHz ... 500 MHz				900	5 HU, 630 mm	44
	9 kHz ... 250 MHz	150 / 180	51.8 / 54 ±2	20 / 18			
	200 ... 500 MHz	150 / 180	51.8 / 54 ±2	20 / 20			
BSA 0150-500D	9 kHz ... 500 MHz				2800	9 HU, 630 mm	85
	9 kHz ... 250 MHz	500 / 600	57 / 59 ±2	20 / 20			
	200 ... 500 MHz	500 / 600	57 / 59 ±2	20 / 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
	<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

BSA 9 kHz ... 500 MHz Solid State Amplifiers

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 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 | |