

BSA

50 ... 500 kHz

Solid State

Standard Models

Model	Frequency Range	Output Power P_N min W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power W	Dimensions (H, D) 19"-System	Weight kg
BSA 0505-250	50 ... 500 kHz	250	54 / 56 $\pm$ 2	20 / 20	800	4 HU, 550 mm	30

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. for 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 W 100 ... 240 V AC $\pm$ 10% / 47 ... 63 Hz Line Power: 1000 ... 3000 W 200 ... 240 V AC $\pm$ 10% / 47 ... 63 Hz Line Power: >3000 W 3x 400 V AC $\pm$ 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)
Operating Altitude:	up to 2000 m above sea level
Vibration and Shock:	MIL–STD–810 F
Cooling:	forced air with integral blower, air intake from front air exhaust at rear

Options:

A) RF Monitor Outputs	F) Gain Adjustment
B) External Dual Directional Coupler	H) DC–Supply
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)	

Specifications are subject to change without notice

