

BSA

150 kHz ... 150 MHz

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 1515-25	150 kHz ... 150 MHz	25	44 / 46 $\pm$ 1.5	20 / 20	200	3 HU, 350 mm	12
BSA 1515-50	150 kHz ... 150 MHz	50	47 / 49 $\pm$ 1.5	20 / 20	250	3 HU, 350 mm	14

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

Elapsed Time Meter:	3x 400 V AC $\pm 10\%$ / 47 ... 63 Hz 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



Rudolf-Diesel-Str.18 · D-85521 Ottobrunn · Tel +49 (0)89/608 754-0 · Fax +49 (0)89/608 754-99
email: info@bonn-elektronik.com · home: www.bonn-elektronik.com