

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 1501-1	150 kHz ... 1000 MHz	1 / 1.5	30 / 32 ±2	20 / 20	75	3 HU, 350 mm	11
BSA 1501-5	150 kHz ... 1000 MHz	5 / 7	37 / 39 ±2	20 / 20	100	3 HU, 350 mm	11
BSA 1501-10	150 kHz ... 1000 MHz	10 / 12	40 / 42 ±2	20 / 20	150	3 HU, 350 mm	12

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
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	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	