

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 1010-10 | 100 kHz ... 100 MHz | 10 / 15 | 40 / 42 ±2 | 20 / 20 | 120 | 3 HU, 350 mm | 12 |
| BSA 1010-30 | 100 kHz ... 100 MHz | 30 / 35 | 44.8 / 47 ±2 | 20 / 20 | 180 | 3 HU, 350 mm | 12 |
| BSA 1010-50 | 100 kHz ... 100 MHz | 50 / 70 | 47 / 49 ±2 | 20 / 20 | 240 | 3 HU, 350 mm | 13 |
| BSA 1010-125 | 100 kHz ... 100 MHz | 125 / 140 | 51 / 53 ±2 | 20 / 20 | 550 | 4 HU, 550 mm | 21 |
| BSA 1010-150 | 100 kHz ... 100 MHz | 150 / 200 | 51.8 / 54 ±2 | 20 / 20 | 600 | 4 HU, 550 mm | 21 |
| BSA 1010-250 | 100 kHz ... 100 MHz | 250 / 280 | 54 / 56 ±2 | 20 / 20 | 900 | 4 HU, 550 mm | 29 |
| BSA 1010-500 | 100 kHz ... 100 MHz | 500 / 600 | 57 / 59 ±2 | 20 / 20 | 2300 | 5 HU, 630 mm | 45 |
| BSA 1010-600 | 100 kHz ... 100 MHz | 600 / 750 | 57.8 / 60 ±2 | 20 / 20 | 2500 | 5 HU, 630 mm | 45 |
| BSA 1010-1000 | 100 kHz ... 100 MHz | 1000 / 1700 | 60 / 62 ±2 | 20 / 20 | 5500 | 15 HU, 630 mm | 140 |
| BSA 1010-1200 | 100 kHz ... 100 MHz | 1200 / 1300 | 60.8 / 63 ±2 | 20 / 20 | 6000 | 18 HU, 800 mm | 175 |
| BSA 1010-1500 | 100 kHz ... 100 MHz | 1500 / 1700 | 61.8 / 64 ±2 | 20 / 20 | 10000 | 24 HU, 800 mm | 290 |

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 | |