

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 1025-40 | 100 kHz ... 250 MHz | 40 / 45 | 46 / 48 ±2 | 25 / 20 | 350 | 2 HU, 430 mm | 13 |
| BSA 1025-100 | 100 kHz ... 250 MHz | 100 / 110 | 50 / 52 ±2 | 20 / 20 | 500 | 2 HU, 430 mm | 13 |
| BSA 1025-150 | 100 kHz ... 250 MHz | 150 / 170 | 51.8 / 54 ±2 | 20 / 20 | 600 | 3 HU, 630 mm | 21 |
| BSA 1025-200 | 100 kHz ... 250 MHz | 200 / 240 | 53 / 55 ±2 | 20 / 20 | 800 | 3 HU, 630 mm | 29 |
| BSA 1025-250 | 100 kHz ... 250 MHz | 250 / 280 | 54 / 56 ±2 | 20 / 20 | 1200 | 3 HU, 630 mm | 30 |
| BSA 1025-400 | 100 kHz ... 250 MHz | 400 / 450 | 56 / 58 ±2 | 20 / 20 | 2250 | 5 HU, 630 mm | 46 |
| BSA 1025-500 | 100 kHz ... 250 MHz | 500 / 600 | 57 / 59 ±2 | 20 / 20 | 2300 | 5 HU, 630 mm | 52 |
| BSA 1025-1000 | 100 kHz ... 250 MHz | 1000 / 1100 | 60 / 62 ±2 | 20 / 20 | 6000 | 18 HU, 800 mm | 200 |

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 |
| 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 | 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 | |