

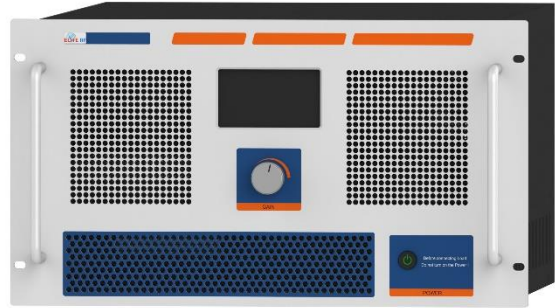
**20-1000MHz 500W Power Amplifier**

➤ **Features**

- Class AB solid state design
- Power level/Output VSWR display
- Protected against over heat/ over current/over VSWR

➤ **Applications**

- High Power Test
- EMC



➤ **Electrical Specifications**

| Parameter         | Specification | Notes           |
|-------------------|---------------|-----------------|
| Frequency         | 20-1000MHz    |                 |
| Psat              | 500W Min.     |                 |
| P1dB              | 200W Min.     |                 |
| Gain              | 57dB Min.     |                 |
| Gain Flatness     | ±4dB          |                 |
| Input VSWR        | 2:1 Max       | 50 Ω            |
| Harmonics         | -15dBc Typ.   |                 |
| Spurious          | -55dBc Typ.   |                 |
| Power Supply      | c             |                 |
| Power Consumption | 5000W Max.    | At rated output |
| Input Power       | 5dBm Max.     |                 |

➤ **Environmental Characteristics**

| Parameter             | Specification | Notes |
|-----------------------|---------------|-------|
| Operation Temperature | 0 - +40 °C    |       |
| Storage Temperature   | -40 - +75 °C  |       |
| Relative Humidity     | 5 - 95%       |       |

➤ **Other Specifications**

| Parameter         | Specification      | Notes |
|-------------------|--------------------|-------|
| Dimensions        | 6U                 |       |
| In/Out Connector  | N-F/N-F            |       |
| Weight            | 60kg Max           |       |
| Cooling           | Forced Air Cooling |       |
| Control Interface | LAN/USB            |       |

➤ Outline Drawing

Just for Reference

