

2000 – 5000 MHz  
**100 W**

KEY SPECIFICATIONS

FREQUENCY RANGE  
**2000 – 5000 MHz**

OUTPUT POWER  
**100 W**  
≥ 50 dBm

EFFICIENCY  
**≥ 50%**

RF CONNECTOR  
**SMA-Female**

DIMENSIONS (L × W × H)  
**10 × 20 × 30 mm**

WEIGHT  
**200 g**

- high light 1

Frequency & bandwidth customizable — contact us for custom configurations. Built to order from MOQ 1 pc.

SPECIFICATIONS

RF PERFORMANCE

|                       |                         |
|-----------------------|-------------------------|
| Frequency range       | <b>2000 – 5000 MHz</b>  |
| Output power          | <b>100 W (≥ 50 dBm)</b> |
| In-band gain flatness | <b>≤ ±1.5 dB</b>        |
| EVM                   | <b>≤ 5%</b>             |
| Efficiency            | <b>≥ 50%</b>            |
| Output VSWR tolerance | <b>≤ 10:1</b>           |

ELECTRICAL

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Operating voltage | <b>28 V DC (24 – 32 V)</b>                                  |
| Enable voltage    | <b>28 V (customizable)</b>                                  |
| Power interface   | <b>Flying leads (Red: +28 V, Black: GND, White: Enable)</b> |

MECHANICAL

|                        |                        |
|------------------------|------------------------|
| RF connector           | <b>SMA-Female</b>      |
| Dimensions (L × W × H) | <b>10 × 20 × 30 mm</b> |
| Weight                 | <b>200 g</b>           |

ENVIRONMENTAL

|                       |                                    |
|-----------------------|------------------------------------|
| Operating temperature | <b>–40 – +55 °C</b>                |
| Storage temperature   | <b>–40 – +85 °C</b>                |
| Relative humidity     | <b>5% – 95% RH, non-condensing</b> |

CONTACT

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Specifications are subject to change without notice.  
Contact us for test reports and qualification documentation.  
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Scan for the live product page  
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