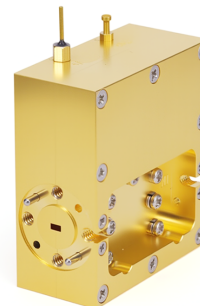
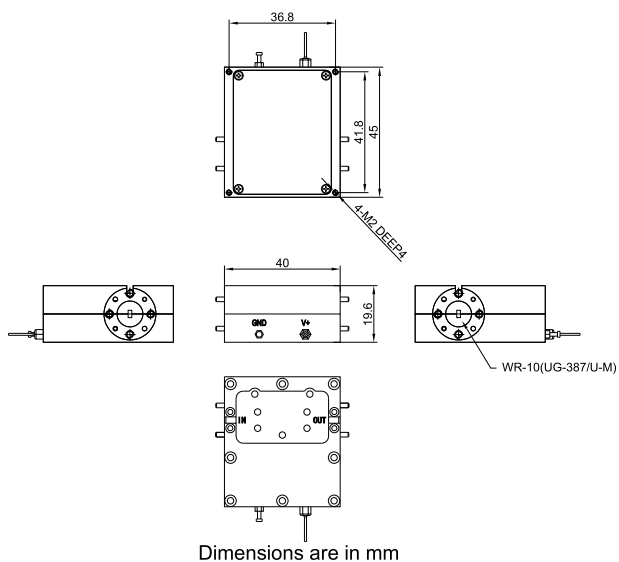


**Waveguide WR10 Power Amplifier(PA) | 16dB Gain | 20dBm Psat | 75 - 110GHz**

**P/N: PA-75G110G-G16-P20-**



## Product Configuration

|                               |           |
|-------------------------------|-----------|
| Connector-In Series           | WR10      |
| Connector-In Polarity         | Standard  |
| Connector-In Gender           | Waveguide |
| Connector-In Impedance (Ohm)  | 50        |
| Connector-Out Series          | WR10      |
| Connector-Out Polarity        | Standard  |
| Connector-Out Gender          | Waveguide |
| Connector-Out Impedance (Ohm) | 50        |

## Electrical Specifications

|                            |              |
|----------------------------|--------------|
| Frequency Range            | 75GHz-110GHz |
| Return Loss or VSWR Input  | 3            |
| Return Loss or VSWR Output | 3            |
| Gain, Typical (dB)         | 16           |
| P-1dB (dBm)                | 16           |
| Voltage, DC Typ (Volts)    | +9           |
| Psat(dBm)                  | 20           |

Waveguide WR10 Power Amplifier(PA) | 16dB Gain | 20dBm Psat | 75  
- 110GHz

P/N: PA-75G110G-G16-P20-

## Mechanical Data

|                    |       |
|--------------------|-------|
| Min. Mating Cycles | ≥500  |
| Body Material      | Brass |
| Body Plating       | Gold  |

## Enviromental Specifications

|                             |              |
|-----------------------------|--------------|
| RoHS Compliant              | Yes          |
| Operating Temperature Range | -20° to +50° |