

### Description

Mi-Wave's 410 Series waveguide to coax transitions allow an efficient method of adapting from rectangular waveguide to a coaxial connector.

### Notes

Temperature Specs by design and tested only for room temperature.

S/N: NA

### Electrical Specifications

|                       | Minimal | Typical | Maximum   |
|-----------------------|---------|---------|-----------|
| Frequency             | 75 GHz  |         | 110 GHz   |
| Insertion Loss        |         | 1.2 dB  | 1.5 dB    |
| VSWR                  |         |         | 1.7:1     |
| Power Handling        |         |         | 10 W (CW) |
| Operating Temperature | -40°C   |         | +85°C     |
|                       |         |         |           |
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### Physical Specifications

|                  |                                    |
|------------------|------------------------------------|
| Waveguide port   | WR-10 Waveguide, UG-387/U-M Flange |
| Coaxial Port     | 1.00 mm Female connector           |
| Housing Material | Aluminum                           |
| Finish           | Gold Plated                        |
| Configuration    | Right Angle type                   |
|                  |                                    |
|                  |                                    |
|                  |                                    |

Tested by: Kim Madden

Date: 2023-07-31

