

## Waveguide to Coax Adapter, End Launch

**WR-15/1.0mm Male/ 50-75GHz****Model: TL-15WCA1.0ME**

### Features:

- Operating Frequency 50 to 75GHz
- Lower Insertion Loss and VSWR
- Instrumentation Grade
- DC Short Circuit

### Applications:

- Test Lab
- Instrumentations
- Sub-assemblies

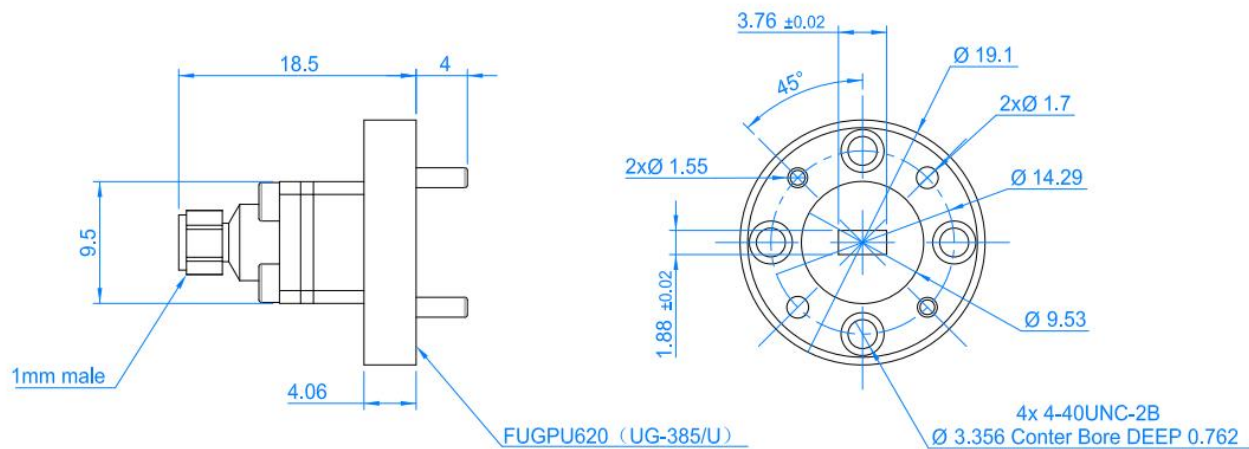
### Electrical Characteristics:

| Parameter       | Min | Typ | Max | Units |
|-----------------|-----|-----|-----|-------|
| Frequency Range | 50  |     | 75  | GHz   |
| VSWR            |     |     | 1.4 | :1    |
| Insertion Loss  |     |     | 1.0 | dB    |
| Power           |     |     | 2   | W     |

### Envrionmental And Physical Characteristics:

| Description          | Parameter       | Units |
|----------------------|-----------------|-------|
| Operating Temerature | -40 To +85      | °C    |
| Storage Temperature  | -40 to +85      | °C    |
| Material             | Al              |       |
| Finish               | Gold Plated     |       |
| Coax Connector       | 1.0mm Male      |       |
| Waveguide            | WR15/UG-385/U-M |       |

**Outline Drawing:**      Unit:mm



**Ordering Information:**

| Base Number   | Description                                                       | Revision |
|---------------|-------------------------------------------------------------------|----------|
| TL-15WCA1.0ME | Waveguide to Coax Adapter, End Launch<br>WR15/1.0mm Male,50-75GHz | Rev.1.1  |