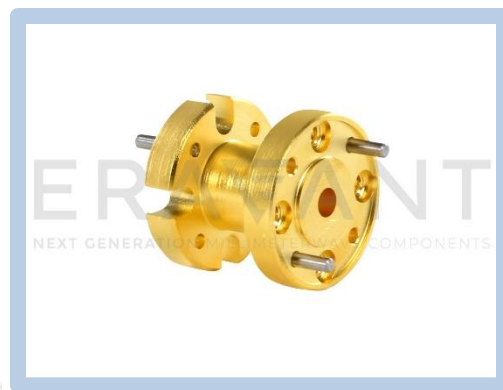


## 0.122" Square to 0.110" Circular Waveguide Mode Transition, Compact

### Description:

**Model SWT-122110-SB-C-QC** is a compact 0.122" Square Waveguide to 0.110" Circular Waveguide mode transition. The mode transition is manufactured by either EDM machining or electro-forming techniques to ensure high accuracy and a quality surface finish. The transition has nominal insertion loss and offers a return loss of 25 dB or better. The nominal operating frequency is 77 to 87 GHz.



### Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

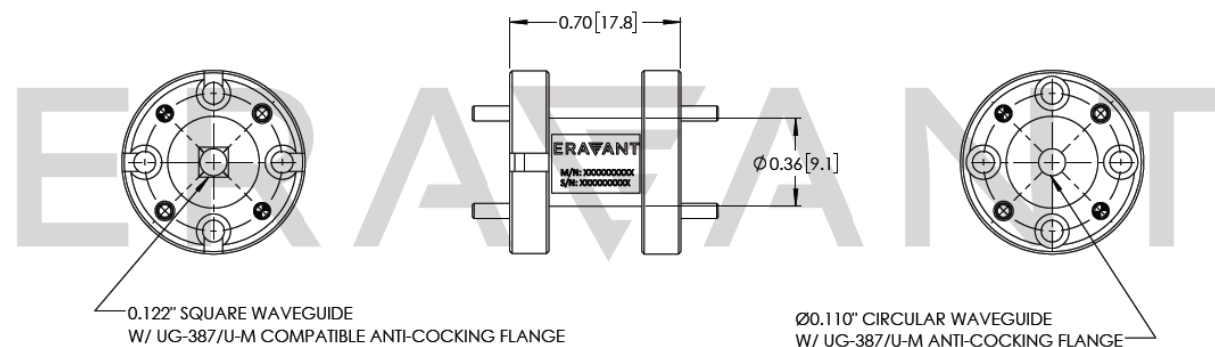
### Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

### Mechanical Specifications:

| Item             | Specifications   |
|------------------|--|
| Waveguide Size   | 0.122" Square Waveguide with UG-387/U-M Compatible Anti-Cocking Flange |
| Waveguide Size   | 0.110" Circular Waveguide with UG-387/U-M Anti-Cocking Flange          |
| Material         | Brass  |
| Finish           | Gold Plated  |
| Weight           | 0.75 Oz  |
| Insertion Length | 0.70"  |
| Outline          | WT-ESC-122-110-A-C   |

**Mechanical Outline:** (Unless otherwise specified, all dimensions are in inches [millimeters])



### Note:

- Eravant reserves the right to change the information presented without notice.
- Other mechanical configurations are available under different model numbers.

