

0.188" Square to 0.165" Circular Waveguide Mode Transition, Compact

Description:

Model SWT-188165-SB-C-QC is a compact 0.188" Square Waveguide to 0.165" 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 50 to 58 GHz.



Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

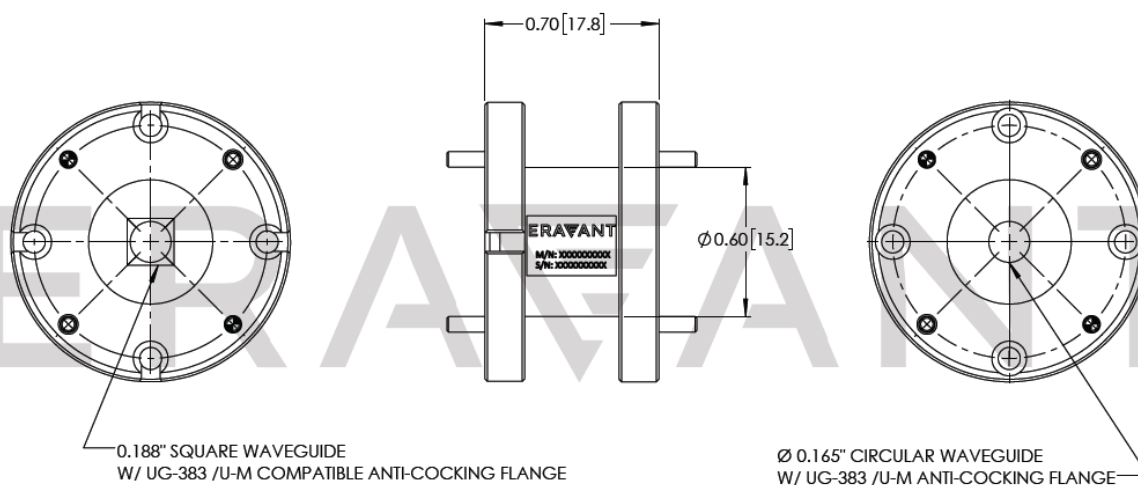
Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

Mechanical Specifications:

| Item | Specifications |
|------------------|--|
| Waveguide Size | 0.188" Square Waveguide with UG-383/U-M Compatible Anti-Cocking Flange |
| Waveguide Size | 0.165" Circular Waveguide with UG-383/U-M Anti-Cocking Flange |
| Material | Brass |
| Finish | Gold Plated |
| Weight | 0.75 Oz |
| Insertion Length | 0.70" |
| Outline | WT-USC-188-165-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.



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