

SWG-075010-FB

0.075" Diameter Circular Waveguide Section, 1"

SWG-075010-FB is a 1" long, D-band straight waveguide section with 0.075" diameter circular waveguide with UG387/U-M flange. The straight waveguide is manufactured with a precision machining process to ensure high quality and ruggedness. The waveguide is offered to cover the frequency range of 115 to 140 GHz and extended frequency range of 110 to 170 GHz if the dominate TE₁₁ mode is maintained.



Mechanical Specifications:

Item	Specification
Waveguide Size	0.075" Diameter Circular Waveguide with UG-387/U-M Flange
Insertion Length	1.0"
Flange Material	Brass
Waveguide Material	Brass
Finish	Gold Plated
Weight	0.8 Oz
Outline	WG-FF-075-L

ECCN

EAR99

FEATURES

- Frequency Range: 115 to 140 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

APPLICATIONS

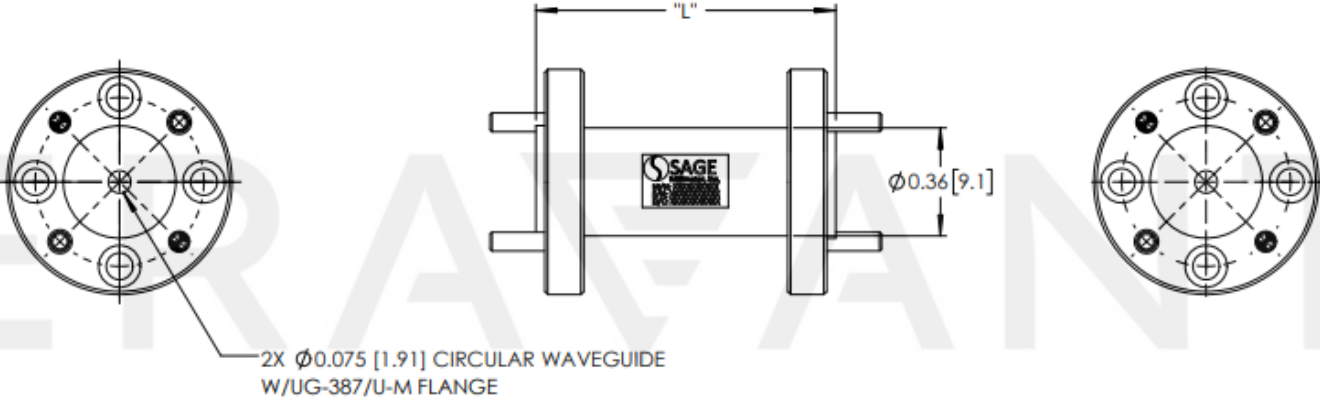
- Test Instrumentations
- Sub-assemblies

SUPPLEMENTAL DETAILS



SWG-075010-FB

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



NOTES:

1. "L" IS A CUSTOMIZABLE LENGTH

NOTE:

- "L" is a customizable length.
- Eravant reserves the right to change the information presented without notice.

CAUTION:

- If a waveguide is present, any foreign objects in the waveguide will cause performance degradation and may damage or destroy the unit.