

SWT-900938-SA-C-QC

0.900" Square Waveguide to 0.938" Circular Waveguide Mode Transition

SWT-900938-SA-C-QC is a 0.900" Square Waveguide to 0.938" 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 only induces a fraction of a dB insertion loss and offers a return loss of 25 dB or better. The nominal operating frequency is 8.5 to 11.6 GHz.



Mechanical Specifications:

Item	Specification
RF Port	0.900" Square Waveguide with UG-39/U Compatible Flange
RF Port	0.938" Circular Waveguide with UG-39/U Compatible Flange
Material	Aluminum
Finish	Silver Plated (Inner) and Black Paint (Outer)
Weight	1.8 Oz
Outline	WT-XSC-900-938-C

ECCN

EAR99

FEATURES

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

APPLICATIONS

- Test Lab
- Instrumentations
- System Integration

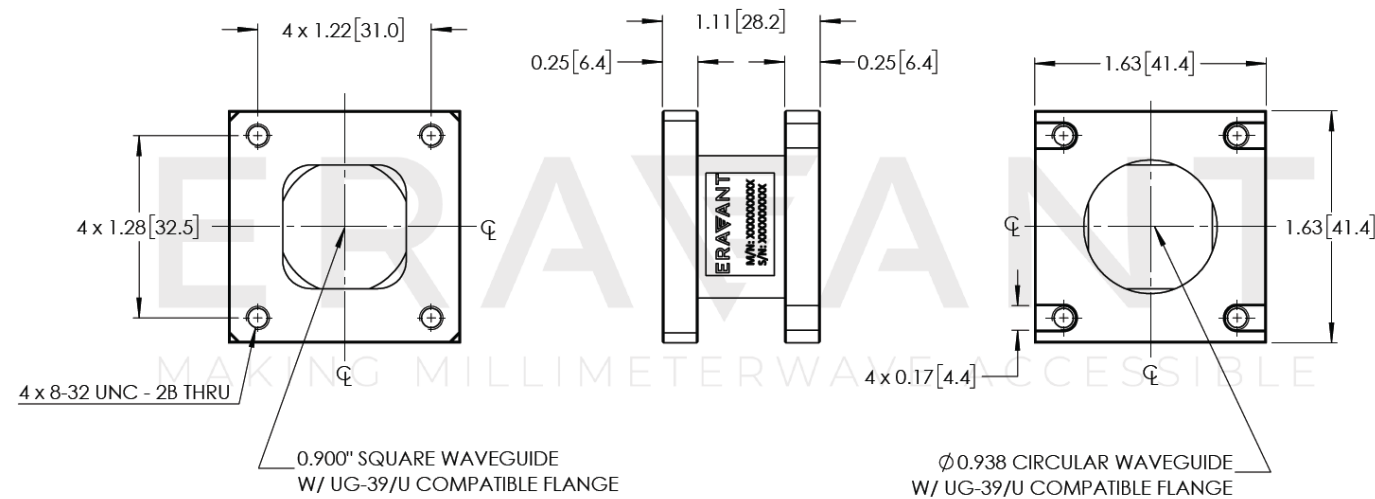
SUPPLEMENTAL DETAILS



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Mechanical Outline:

Unless otherwise specified, all dimensions are in inches [millimeters]



NOTE:

- Eravant reserves the right to change the information presented without notice.

CAUTION:

- Any foreign objects in the waveguide will cause performance degradation and may damage or destroy the unit.