

SWT-5142-LA-AG-WPC

WR-51 to WR-42 Waveguide Taper Transition

SWT-5142-LA-AG-WPC is a WR-51 to WR-42 rectangular waveguide taper transition. The taper 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 VSWR of 1.05:1 or better.



Mechanical Specifications:

Item	Specification
Waveguide	WR-51 Waveguide with Standard Flange
Waveguide	WR-42 Waveguide with UG-595/U Flange
Material	Aluminum
Finish	Silver Plated
Weight	3.5 Oz
Insertion Length	3"
Outline	WT-5K

ECCN

EAR99

FEATURES

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

APPLICATIONS

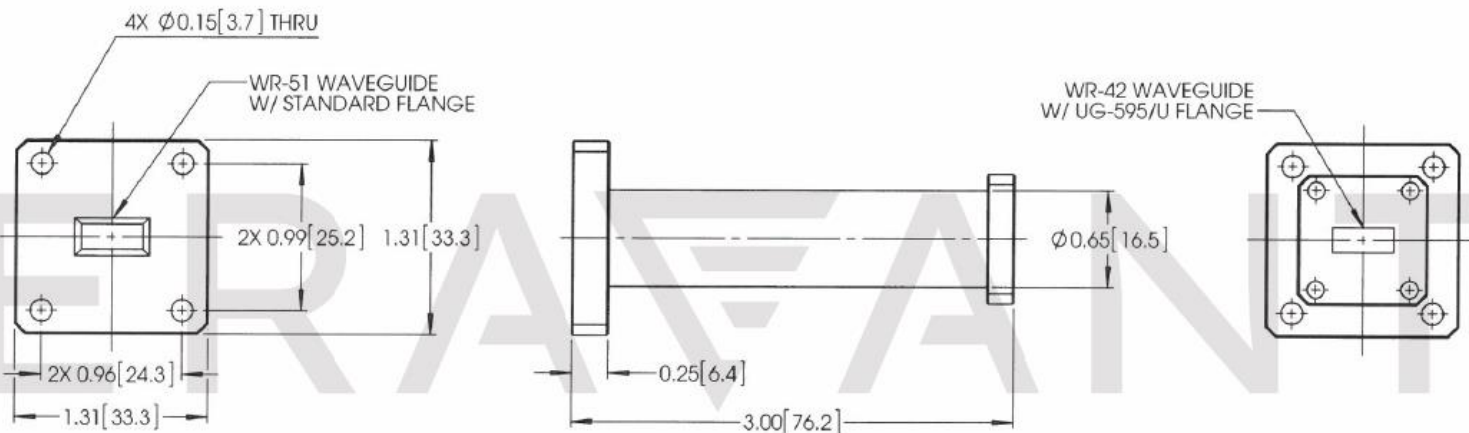
- Test Labs
- Test Instrumentation
- Sub-assemblies

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.
- Other mechanical configurations are available under different model numbers.