

Waveguide to Coax 90° Adapter Model T81-W

Description:

Spacek Labs model T81-W is a E-Band waveguide to coaxial 90° transition or adapter. The T81-W covers the E-Band spectrum from 71 to 86 GHz with a typical insertion loss of 0.8 dB (typ). The maximum VSWR is 1.45:1. This transition can be used to adapt a component or system from WR-12 (UG387/U) waveguide to the 1.0mm (W) coaxial connector or vice versa.



Features:

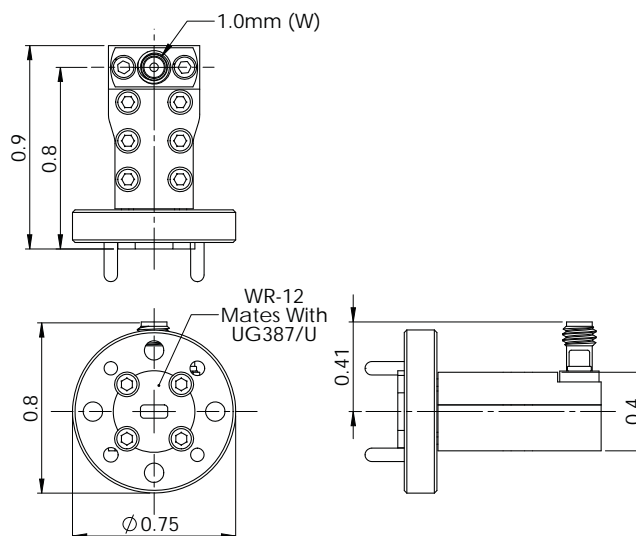
- Can be tuned to meet your specific bandwidth requirements
- MIL-spec or space-qualified units available.

Electrical Specifications:

Description	Min.	Typ.	Max.
Frequency Range	71 GHz	-	86 GHz
VSWR	-	1.25:1	1.45:1
Insertion Loss	-	0.8 dB	-

Mechanical Specifications:

Description	Specification
Connectors I/O	WR-12/1.0mm (W)
Dimensions OA	See outline
Material	Aluminum
Finish	Irridite
Weight	0.3 oz



OUTLINE: Dimensions in inches (Not to scale)

WAVEGUIDE TO COAX ADAPTER