

## Waveguide to Coax 90° Adapter Model T42-K

### Description:

Spacek Labs model T42-K is a K-Band waveguide to coaxial 90° transition or adapter. The T42-K covers the K-Band spectrum from 18 to 26.5 GHz with a typical insertion loss of 0.25 dB (typ). The maximum VSWR is 1.3:1. This transition can be used to adapt a component or system from WR-42 (UG597/U) waveguide to the 2.92mm (K) coaxial connector or vice versa.



### Features:

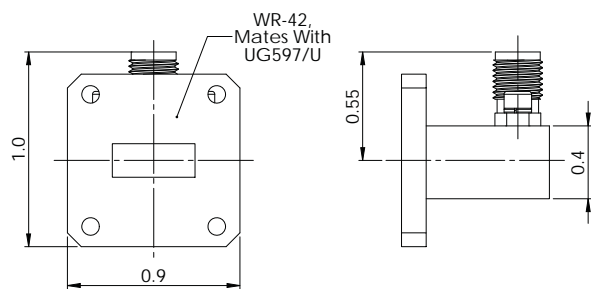
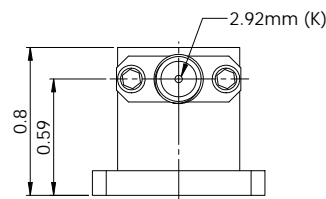
- Can be tuned to meet your specific bandwidth requirements
- MIL-spec or space-qualified units available.

### Electrical Specifications:

Description	Min.	Typ.	Max.
Frequency Range	18 GHz	-	26.5 GHz
VSWR	-	1.2:1	1.3:1
Insertion Loss	-	0.25 dB	-

### Mechanical Specifications:

Description	Specification
Connectors I/O	WR-42/2.92mm (K)
Dimensions OA	See outline
Material	Aluminum
Finish	Irridite
Weight	0.3 oz



**OUTLINE:** Dimensions in inches (Not to scale)

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