

Waveguide to Coax In-Line Adapter Model T42-KI

Description:

Spacek Labs model T42-KI is a K-Band waveguide to coaxial in-line transition or adapter. The T42-KI 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 1.4:1. 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:

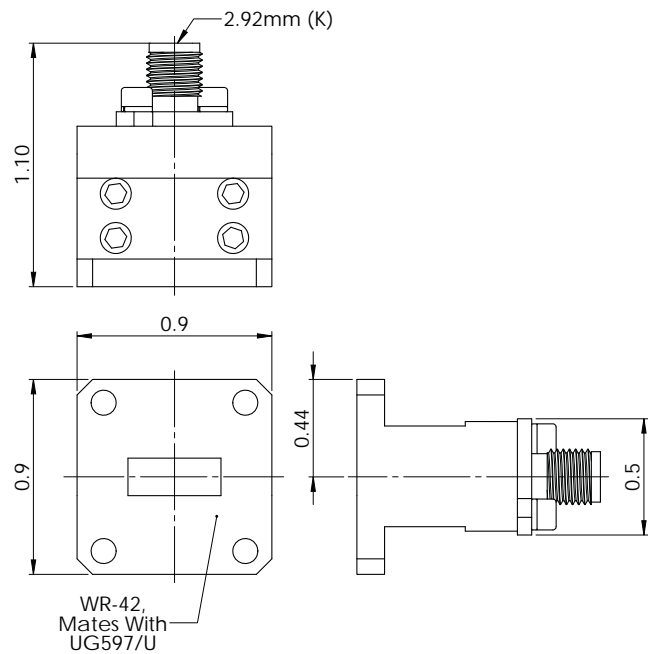
- Can be tuned to meet your specific bandwidth requirements
- MIL-spec or space-qualified units available.

Electrical Specifications:

Description	Min.	Typ.	Max.
Frequency Range	18 GHz	-	26.5 GHz
VSWR	-	1.25:1	1.4:1
Insertion Loss	-	0.25 dB	-

Mechanical Specifications:

Description	Specification
Connectors I/O	WR-42/2.92mm (K)
Dimensions OA	See outline
Material	Brass
Finish	Gold Plate
Weight	2.0 oz



OUTLINE: Dimensions in inches (Not to scale)

WAVEGUIDE TO COAX ADAPTER