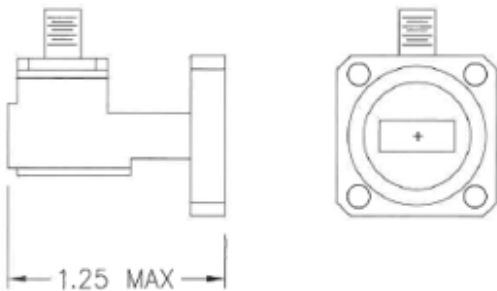


### Product Features

- Frequency Range = 17.7 to 22.2 GHz
- VSWR = 1.2:1
- Insertion Loss = 0.3 dB
- Weight = 0.026 lbs [11.79 g]
- Connector Type = SMA Female
- Waveguide Type = WR-42
- Flange Type = Square Cover w/groove
- Flange Designation = UG-597U w/groove
- Body Material and Plating = Aluminum, Chem film
- Hermetic seal option

### Dimensions



### Product Description

This model is a waveguide to coaxial adapter operating in the K Band with a 17.7 to 22.2 GHz frequency range. This adapter offers a WR-42 waveguide interface size coupled with a precision tolerance UG-597/U Square Cover Flange with a gasket groove. The AA42S-2 is constructed of aluminum to ensure durability and repeatable RF performance. The coaxial connection offered by this adapter uses an SMA Female connection.

### Applications

- Test benches
- Radar
- Satellite Communication (SATCOM)
- Microwave Radio Systems
- Military and Space
- Communication Systems

### SPECIFICATIONS

PART NUMBER	AA32N-2
FREQUENCY RANGE (GHz)	17.7 TO 22.2
VSWR	1.20:1
CONNECTOR TYPE	SMA
PRESSURE (PSI)	5

### Pricing: (Subject to updates)

- QTY 1 – 5 \$750
- QTY 6 – 10 \$700
- QTY 11 – 20 \$650
- QTY 21 – 30 \$600

