

View Online at <https://aerobasegroup.com/nsn/5985-01-264-5432>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.747 inches all flanges and 0.753 inches all flanges

Flange Inside Height:

0.372 inches all flanges and 0.378 inches all flanges

Flange Outside Width:

1.485 inches all flanges and 1.515 inches all flanges

Flange Outside Height:

1.485 inches all flanges and 1.515 inches all flanges

Flange Depth:

0.485 inches all flanges and 0.515 inches all flanges

Voltage Standing Wave Ratio:

1.07

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.847 inches and 0.853 inches

Waveguide Inside Width:

Between 0.747 inches and 0.753 inches

Waveguide Inside Height:

Between 0.372 inches and 0.378 inches

Waveguide Outside Height:

Between 0.472 inches and 0.478 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Flange Style:

Cover type all flanges

Waveguide Leg Length:

1.620 inches

Waveguide Longer Leg Length:

5.740 inches

Waveguide Center To Center Distance:

Between 1.615 inches and 1.645 inches

Waveguide Height:

6.480 inches

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces

Style Designator:

U-bend type

Fsc Application Data:

Antennas, waveguides and related equip.

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A073a0