

View Online at <https://aerobasegroup.com/nsn/5985-01-234-0603>

Cross Sectional Shape:

Internal, rectangular double ridged external, rectangular

End Application:

An/alq-172v2

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.720 inches all flanges

Flange Inside Height:

0.321 inches all flanges

Flange Outside Width:

1.375 inches all flanges

Flange Outside Height:

1.375 inches all flanges

Flange Depth:

0.250 inches all flanges

Flange Connecting Hole Diameter:

0.147 inches all flanges all connection facilities and 0.147 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.40

Insertion Loss In Decibels:

0.30

Waveguide Outside Width:

0.730 inches

Waveguide Inside Width:

0.720 inches

Waveguide Inside Height:

0.321 inches

Waveguide Outside Height:

0.421 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Flange Style:

Contact, double ridge type all flanges

Waveguide Length:

10.500 inches

Flexibility:

Flexible single tubing segment

Material:

Copper alloy single tubing segment

Surface Treatment:

Any acceptable all tubing segment and flange outside surfaces

Style Designator:

Straight type

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A073a0