

View Online at <https://aerobasegroup.com/nsn/5985-01-239-2629>

**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

**End Application:**

An/alq-172v2 ecm pod

**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:**

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

**Voltage Standing Wave Ratio:**

1.25

**Maximum Operating Pressure:**

45.0 pounds per square inch gage

**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