

View Online at <https://aerobasegroup.com/nsn/5985-00-071-8161>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b all flanges all connection facilities

**Thread Direction:**

Right-hand all flanges all connection facilities

**End Application:**

Radar set an/vps-2

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.896 inches all flanges and 0.904 inches all flanges

**Flange Inside Height:**

0.396 inches all flanges and 0.404 inches all flanges

**Flange Outside Width:**

1.610 inches all flanges and 1.640 inches all flanges

**Flange Outside Height:**

1.610 inches all flanges and 1.640 inches all flanges

**Flange Inside Diameter:**

1.406 inches all flanges and 1.437 inches all flanges

**Flange Depth:**

0.423 inches all flanges and 0.453 inches all flanges

**Voltage Standing Wave Ratio:**

1.05

**Insertion Loss In Decibels:**

0.10

**Maximum Operating Pressure:**

20.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

**Thread Size:**

0.164 inches all flanges all connection facilities

**Waveguide Inside Width:**

Between 0.896 inches and 0.904 inches

**Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

**Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole all flanges all connection facilities

**Flange Style:**

Choke type all flanges

**Waveguide Length:**

2.050 inches

**Special Features:**

Fungus resistant

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper alloy single tubing segment

**Precious Material And Location:**

tubing segment surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver single tubing segment all surfaces

**Style Designator:**

Straight type

**Thread Series Designator:**

Unc all flanges all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0