

View Online at <https://aerobasegroup.com/nsn/5985-01-318-6667>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**End Application:**

Radio terminal set an/trc-170

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.867 inches second flange and 1.877 inches second flange

**Flange Inside Height:**

0.867 inches second flange and 0.877 inches second flange

**Flange Outside Diameter:**

3.610 inches second flange and 3.640 inches second flange

**Flange Depth:**

0.922 inches second flange and 0.953 inches second flange

**Voltage Standing Wave Ratio:**

1.10

**Maximum Operating Pressure:**

15.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.995 inches and 2.005 inches

**Thread Size:**

0.190 inches second flange all connection facilities

**Waveguide Inside Width:**

Between 1.867 inches and 1.877 inches

**Waveguide Inside Height:**

Between 0.867 inches and 0.877 inches

**Waveguide Outside Height:**

Between 0.995 inches and 1.005 inches

**Flange Connecting Facility And Quantity:**

8 threaded hole second flange all connection facilities

**Flange Style:**

Choke type second flange

**Waveguide Length:**

5.125 inches

**Special Features:**

4.4 to 5.0 ghz freq range

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy single tubing segment

**Surface Treatment:**

Anodize single tubing segment all surfaces

**Style Designator:**

Straight type

**Supplementary Features:**

Subjected to power levels up to 3 kw

**Thread Series Designator:**

Unf second flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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