

View Online at <https://aerobasegroup.com/nsn/5985-01-318-7869>

**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:**

Radio terminal set an/trc-170

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.867 inches all flanges and 1.877 inches all flanges

**Flange Inside Height:**

0.867 inches all flanges and 0.877 inches all flanges

**Flange Outside Diameter:**

3.610 inches all flanges and 3.640 inches all flanges

**Flange Depth:**

0.922 inches all flanges and 0.953 inches all flanges

**Voltage Standing Wave Ratio:**

1.15

**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 all flanges 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 all flanges all connection facilities

**Waveguide First Leg Length:**

Between 4.690 inches and 4.810 inches

**Waveguide Fifth Leg Length:**

Between 4.280 inches and 4.400 inches

**Flange Style:**

Choke type all flanges

**Waveguide Second Leg Length:**

Between 1.940 inches and 2.060 inches

**Waveguide Sixth Leg Length:**

Between 5.190 inches and 5.310 inches

**Waveguide Third Leg Length:**

Between 2.940 inches and 3.060 inches

**Waveguide Fourth Leg Length:**

Between 38.840 inches and 38.960 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange all surfaces

**Style Designator:**

Five bend type

**Thread Series Designator:**

Unf all flanges all connection facilities

**Fsc Application Data:**

Communications equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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