

View Online at <https://aerobasegroup.com/nsn/5985-01-319-1704>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Bend Angle In Deg:**

90.0 first bend h-plane

**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 first flange and 1.877 inches first flange

**Flange Inside Height:**

0.867 inches first flange and 0.877 inches first flange

**Flange Outside Diameter:**

3.610 inches first flange and 3.640 inches first flange

**Flange Depth:**

0.922 inches first flange and 0.953 inches first 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 first 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 first flange all connection facilities

**Waveguide First Leg Length:**

Between 2.190 inches and 2.310 inches

**Flange Style:**

Choke type first flange

**Waveguide Second Leg Length:**

Between 38.150 inches and 38.270 inches

**Waveguide Third Leg Length:**

Between 1.940 inches and 2.060 inches

**Waveguide Fourth Leg Length:**

Between 1.440 inches and 1.560 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:**

Three bend type

**Thread Series Designator:**

Unf first flange all connection facilities

**Fsc Application Data:**

Communications equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0