

View Online at <https://aerobasegroup.com/nsn/5985-01-318-4456>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2 first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**End Application:**

Radio terminal set an/trc-170

**Tubing Wall Construction Style:**

Seamless second tubing segment

**Tubing Twist Type:**

Twistable first tubing segment

**Tubing Twist Angle In Deg:**

90.0 first tubing segment

**Flange Quantity:**

3

**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:**

0.923 inches first flange and 0.953 inches first flange

**Voltage Standing Wave Ratio:**

1.12

**Waveguide Outside Width:**

2.000 inches

**Thread Size:**

0.190 inches first flange all connection facilities

**Waveguide Inside Width:**

1.872 inches

**Waveguide Inside Height:**

0.872 inches

**Waveguide Outside Height:**

1.000 inches

**Flange Connecting Facility And Quantity:**

8 threaded hole first flange all connection facilities

**Flange Style:**

Choke type first flange

**Waveguide Length:**

13.190 inches

**Waveguide Center To Center Distance:**

4.000 inches

**Flexibility:**

Rigid second tubing segment

**Material:**

Copper alloy first tubing segment

**Precious Material And Location:**

Internal surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Copper alloy all tubing segment and flange inside surfaces or silver all tubing segment and flange inside surfaces

**Style Designator:**

Offset bend type

**Thread Series Designator:**

Unf first flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0