

View Online at <https://aerobasegroup.com/nsn/5985-01-318-7868>

**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 second bend e-plane

**End Application:**

Radio terminal set an/trc-170

**Tubing Wall Construction Style:**

Seamless second tubing segment

**Tubing Twist Type:**

Straight twist third tubing segment

**Tubing Twist Angle In Deg:**

90.0 third 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:**

1.15

**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 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

**Flange Style:**

Choke type first flange

**Waveguide Length:**

Between 17.690 inches and 17.810 inches

**Waveguide Center To Center Distance:**

Between 3.940 inches and 4.060 inches

**Flexibility:**

Flexible third tubing segment

**Material:**

Copper alloy third tubing segment

**Precious Material And Location:**

Internal waveguide surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver third tubing segment inside surfaces

**Style Designator:**

Offset bend type

**Thread Series Designator:**

Unf first flange all connection facilities

**Fsc Application Data:**

Communications equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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