

View Online at <https://aerobasegroup.com/nsn/5985-01-318-8091>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Radio terminal set an/trc-170

**Tubing Wall Construction Style:**

Seamless 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

**Flange Connecting Hole Diameter:**

0.206 inches first flange all connection facilities and 0.209 inches first flange all connection facilities

**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

**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

**Waveguide Longer Offset Distance:**

Between 9.570 inches and 9.690 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole first flange all connection facilities

**Flange Style:**

Choke type first flange

**Waveguide Offset Distance:**

Between 5.690 inches and 5.810 inches

**Special Features:**

Sma female receptacle for monitoring

**Flexibility:**

Rigid fifth tubing segment

**Material:**

Copper alloy second tubing segment

**Precious Material And Location:**

Internal flexguide surface silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver second tubing segment inside surfaces

**Style Designator:**

Bend type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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