

View Online at <https://aerobasegroup.com/nsn/5985-00-250-5090>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b third flange all connection facilities

**Thread Direction:**

Right-hand third flange all connection facilities

**Bend Angle In Deg:**

90.0 second bend h-plane

**End Application:**

Landing control central an/spn-42

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

3

**Flange Inside Width:**

0.360 inches first flange and 0.364 inches first flange

**Flange Inside Height:**

0.220 inches first flange and 0.224 inches first flange

**Flange Outside Width:**

0.735 inches second flange and 0.765 inches second flange

**Flange Outside Height:**

0.735 inches third flange and 0.765 inches third flange

**Flange Inside Diameter:**

0.500 inches third flange

**Flange Depth:**

0.195 inches second flange and 0.225 inches second flange

**Flange Connecting Hole Diameter:**

0.116 inches first flange all connection facilities and 0.118 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.07

**Insertion Loss In Decibels:**

0.20

**Thready Qty Per Inch (tpi):**

40 third flange all connection facilities

**Waveguide Outside Width:**

Between 0.358 inches and 0.362 inches

**Thread Size:**

0.112 inches third flange all connection facilities

**Waveguide Inside Width:**

Between 0.2785 inches and 0.2815 inches

**Waveguide Inside Height:**

Between 0.1385 inches and 0.1415 inches

**Waveguide Outside Height:**

Between 0.218 inches and 0.222 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole third flange all connection facilities

**Flange Style:**

Cover type first flange

**Special Features:**

Silver plate flange faces only; do not paint

**Flexibility:**

Rigid all tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

Flange faces silver

**Precious Material:**

Silver

**Surface Treatment:**

Primer all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

**Thread Series Designator:**

Unc third flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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