

View Online at <https://aerobasegroup.com/nsn/5985-01-093-6019>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.503 inches second flange and 0.505 inches second flange

**Flange Inside Height:**

0.253 inches second flange and 0.255 inches second flange

**Flange Outside Width:**

0.860 inches second flange and 0.890 inches second flange

**Flange Outside Height:**

0.860 inches second flange and 0.890 inches second flange

**Flange Inside Diameter:**

0.610 inches first flange and 0.640 inches first flange

**Flange Depth:**

0.270 inches first flange and 0.300 inches first flange

**Flange Connecting Hole Diameter:**

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

**Insertion Loss In Decibels:**

0.50

**Waveguide Outside Width:**

Between 0.497 inches and 0.503 inches

**Thread Size:**

0.112 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 0.418 inches and 0.422 inches

**Waveguide Inside Height:**

Between 0.168 inches and 0.172 inches

**Waveguide Outside Height:**

Between 0.247 inches and 0.253 inches

**Waveguide Longer Offset Distance:**

Between 1.970 inches and 2.030 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Offset Distance:**

Between 0.910 inches and 0.970 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Paint all flange outside surfaces

**Style Designator:**

Bend type

**Thread Series Designator:**

Unc first 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

**Fig:**

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