

View Online at <https://aerobasegroup.com/nsn/5985-01-100-7900>

**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 single bend e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.503 inches single flange and 0.505 inches single flange

**Flange Inside Height:**

0.253 inches single flange and 0.255 inches single flange

**Flange Outside Width:**

0.860 inches single flange and 0.890 inches single flange

**Flange Outside Height:**

0.860 inches single flange and 0.890 inches single flange

**Flange Inside Diameter:**

0.640 inches single flange

**Flange Depth:**

0.270 inches single flange and 0.300 inches single flange

**Flange Connecting Hole Diameter:**

0.116 inches second flange single connection facility

**Insertion Loss In Decibels:**

0.50

**Waveguide Outside Width:**

0.500 inches

**Thread Size:**

0.112 inches first flange all connection facilities

**Waveguide Inside Width:**

0.420 inches

**Waveguide Inside Height:**

0.170 inches

**Waveguide Outside Height:**

0.250 inches

**Waveguide Longer Offset Distance:**

Between 0.985 inches and 1.015 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange single connection facility

**Flange Style:**

Cover type second flange

**Waveguide Offset Distance:**

Between 0.610 inches and 0.640 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy single tubing segment

**Surface Treatment:**

Primer single tubing segment outside surfaces and paint single tubing segment outside surfaces

**Style Designator:**

Bend type

**Thread Series Designator:**

Unc first flange all connection facilities

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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