

View Online at <https://aerobasegroup.com/nsn/5985-01-154-7480>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 all bends h-plane

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.017 inches all flanges and 1.023 inches all flanges

**Flange Inside Height:**

0.507 inches all flanges and 0.513 inches all flanges

**Flange Outside Width:**

1.672 inches all flanges and 1.702 inches all flanges

**Flange Outside Height:**

1.672 inches all flanges and 1.702 inches all flanges

**Flange Depth:**

0.485 inches all flanges and 0.515 inches all flanges

**Flange Connecting Hole Diameter:**

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.10

**Insertion Loss In Decibels:**

0.03

**Waveguide Outside Width:**

Between 1.145 inches and 1.151 inches

**Waveguide Inside Width:**

Between 1.017 inches and 1.023 inches

**Waveguide Inside Height:**

Between 0.507 inches and 0.513 inches

**Waveguide Outside Height:**

Between 0.633 inches and 0.643 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Flange Style:**

Cover type all flanges

**Waveguide Center To Center Distance:**

20.230 inches

**Waveguide Height:**

3.190 inches

**Special Features:**

Flange faces free of paint; m 54.0 to p 85.0 degrees c operating temp

**Flexibility:**

Rigid all tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Double bend type

**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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