

View Online at <https://aerobasegroup.com/nsn/5985-01-033-8793>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 single bend e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.118 inches all flanges and 1.126 inches all flanges

**Flange Inside Height:**

0.493 inches all flanges and 0.501 inches all flanges

**Flange Outside Width:**

2.480 inches all flanges and 2.520 inches all flanges

**Flange Outside Height:**

1.730 inches all flanges and 1.770 inches all flanges

**Flange Depth:**

0.480 inches all flanges and 0.520 inches all flanges

**Flange Connecting Hole Diameter:**

0.169 inches all flanges all connection facilities and 0.171 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.05

**Insertion Loss In Decibels:**

0.01

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**Waveguide Inside Width:**

Between 1.118 inches and 1.126 inches

**Waveguide Inside Height:**

Between 0.493 inches and 0.501 inches

**Criticality Code Justification:**

Feat

**Waveguide Outside Height:**

Between 0.621 inches and 0.629 inches

**Waveguide Longer Offset Distance:**

1.750 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges all connection facilities

**Flange Style:**

Contact type all flanges

**Waveguide Offset Distance:**

1.750 inches

**Special Features:**

Two attached nipples facing forward toward flange; water colled

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

Internal waveguide surface silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver single tubing segment inside surfaces

**Style Designator:**

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:**

A073a0