

View Online at <https://aerobasegroup.com/nsn/5985-01-020-7874>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.362 inches first flange and 0.364 inches first flange

**Flange Inside Height:**

0.222 inches first flange and 0.224 inches first flange

**Flange Outside Width:**

0.745 inches first flange and 0.755 inches first flange

**Flange Outside Height:**

0.745 inches first flange and 0.755 inches first flange

**Flange Depth:**

0.182 inches first flange and 0.192 inches first 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:**

1.50

**Insertion Loss In Decibels:**

0.50

**Waveguide Outside Width:**

Between 0.358 inches and 0.362 inches

**Waveguide Inside Width:**

Between 0.279 inches and 0.282 inches

**Waveguide Inside Height:**

Between 0.139 inches and 0.142 inches

**Waveguide Outside Height:**

Between 0.218 inches and 0.222 inches

**Waveguide Longer Offset Distance:**

2.430 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type first flange

**Waveguide Offset Distance:**

1.400 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

Internal surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver all tubing segment and flange 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

**Fig:**

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