

View Online at <https://aerobasegroup.com/nsn/5985-01-222-0007>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

1.503 inches single flange

**Flange Inside Height:**

0.753 inches single flange

**Flange Outside Diameter:**

3.110 inches and 3.140 inches single flange

**Flange Depth:**

0.360 inches and 0.390 inches single flange

**Flange Connecting Hole Diameter:**

0.199 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.25

**Coaxial Connector Series Designation:**

N

**Connector End Design:**

Female

**Adapter Length:**

1.750 inches

**Waveguide Outside Width:**

Between 1.496 inches and 1.504 inches

**Waveguide Inside Width:**

Between 1.368 inches and 1.376 inches

**Waveguide Inside Height:**

Between 0.618 inches and 0.626 inches

**Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

**Flange Connecting Facility And Quantity:**

6 unthreaded hole all flanges all connection facilities

**Adapter Diameter:**

Between 3.110 inches and 3.140 inches

**Flange Style:**

Cover type single flange

**Material:**

Copper alloy all tubing segment and flange

**Style Designator:**

Waveguide to coaxial

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0