

View Online at <https://aerobasegroup.com/nsn/5985-01-163-8571>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Ticonderoga class cg (47); spruancde class dd (963); forrestal class cv; arleigh burke class ddg; kidd class ddg; oliver perry class ffg; nimitz class cvn; close in weapon system (ciws-phalanx); virginia class cgn (41)

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.620 inches all flanges and 0.624 inches all flanges

**Flange Inside Height:**

0.309 inches all flanges and 0.313 inches all flanges

**Flange Outside Width:**

1.297 inches all flanges and 1.327 inches all flanges

**Flange Outside Height:**

1.297 inches all flanges and 1.327 inches all flanges

**Flange Inside Diameter:**

0.985 inches all flanges and 1.015 inches all flanges

**Flange Depth:**

0.360 inches all flanges and 0.390 inches all flanges

**Flange Connecting Hole Diameter:**

0.166 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.10

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

**Waveguide Inside Width:**

Between 0.620 inches and 0.625 inches

**Waveguide Inside Height:**

Between 0.309 inches and 0.314 inches

**Criticality Code Justification:**

Feat

**Waveguide Outside Height:**

Between 0.388 inches and 0.394 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Flange Style:**

Choke type all flanges

**Special Features:**

Includes mtg plate and bracket

**Flexibility:**

Rigid all tubing segment

**Material:**

Metal all tubing segment and flange

**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