

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:

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