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Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Umm/photonics, virginia class cgn (41), ohio class ssn (trident) ship, kidd class ddg, submarine surveillance systems.

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 single flange and 3.140 inches single flange

Flange Depth:

0.360 inches single flange and 0.390 inches single flange

Flange Connecting Hole Diameter:

0.219 inches single flange single connection facility

Voltage Standing Wave Ratio:

1.30

Coaxial Connector Series Designation:

N

Connector End Design:

Female

Adapter Length:

1.875 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

Criticality Code Justification:

Feat

Waveguide Outside Height:

Between 0.746 inches and 0.754 inches

Flange Connecting Facility And Quantity:

6 unthreaded hole single flange single connection facility

Adapter Diameter:

3.125 inches

Flange Style:

Cover type single flange

Adapterheight:

3.125 inches

Special Features:

Weapon system essential

Material:

Copper alloy single tubing segment

Precious Material And Location:

Contact surface silver

Precious Material:

Silver

Surface Treatment:

Primer all tubing segment and flange outside surfaces and chromate zinc all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

Style Designator:

Waveguide to coaxial

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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