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Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Fire control system; virginia class cgn (41); spruance class dd (963); kidd class ddg; oliver perry class ffg; gun fire control system

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.118 inches all flanges and 1.126 inches all flanges

Flange Inside Height:

0.493 inches all flanges and 0.501 inches all flanges

Flange Outside Width:

2.480 inches all flanges and 2.520 inches all flanges

Flange Outside Height:

1.730 inches all flanges and 1.770 inches all flanges

Flange Depth:

0.480 inches all flanges and 0.570 inches all flanges

Flange Connecting Hole Diameter:

0.169 inches all flanges single connection facility and 0.171 inches all flanges single connection facility

Voltage Standing Wave Ratio:

1.05

Insertion Loss In Decibels:

0.11

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.246 inches and 1.254 inches

Waveguide Inside Width:

Between 1.118 inches and 1.126 inches

Waveguide Inside Height:

Between 0.493 inches and 0.501 inches

Criticality Code Justification:

Feat

Waveguide Outside Height:

Between 0.621 inches and 0.629 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges single connection facility

Flange Style:

Contact type all flanges

Waveguide Length:

2.167 feet

Special Features:

Weapon system essential

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy all flange

Surface Treatment:

Oxide film single tubing segment outside surfaces and enamel single tubing segment outside surfaces

Style Designator:

Straight type

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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