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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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