# NSN 5985-00-575-0329

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-575-0329

#### **Cross Sectional Shape:**

Internal, rectangular external, rectangular

#### **End Application:**

Ticonderoga class cg (47); virginia class cgn (41); spruance class dd (963); kidd class ddg; gun fire control system, mk 86

#### **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:

1.875 inches all flanges

#### Flange Outside Height:

1.875 inches all flanges

#### Flange Inside Diameter:

1.248 inches all flanges and 1.256 inches all flanges

#### Flange Depth:

0.625 inches all flanges

# Flange Connecting Hole Diameter:

0.169 inches all flanges single connection facility

#### **Voltage Standing Wave Ratio:**

1.04

#### **Insertion Loss In Decibels:**

0.10

# **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:

4 unthreaded hole all flanges single connection facility

#### Flange Style:

Choke type all flanges

# **NSN 5985-00-575-0329** Waveguide Assembly - Page 2 of 2



Waveguide Length:
1.021 feet
Special Features:
Weapon system essential
Flexibility:
Rigid single tubing segment
Material:
Copper alloy single tubing segment
Surface Treatment:
Oxide film all tubing segment and flange outside surfaces
Style Designator:
Straight type
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
A073a0