## NSN 5985-00-195-9425

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

Internal, rectangular external, rectangular

## **Tubing Wall Construction Style:**

Seamless single tubing segment

#### Flange Quantity:

2

#### Flange Inside Width:

1.003 inches all flanges and 1.006 inches all flanges

#### Flange Inside Height:

0.503 inches all flanges and 0.506 inches all flanges

#### Flange Outside Width:

1.610 inches all flanges and 1.640 inches all flanges

#### Flange Outside Height:

1.610 inches all flanges and 1.640 inches all flanges

#### Flange Depth:

0.423 inches all flanges and 0.453 inches all flanges

#### Flange Connecting Hole Diameter:

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

#### **Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

## Waveguide Inside Width:

Between 0.896 inches and 0.904 inches

#### **Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

## **Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

## Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

#### Flange Style:

Cover type all flanges

## Waveguide Length:

3.750 inches

## **Special Features:**

Circular bulkhead flange provided with six threaded bolts

#### Flexibility:

Rigid single tubing segment

#### Material:

Aluminum alloy all tubing segment and flange

## **Precious Material And Location:**

Internal surfaces silver and internal surfaces rhodium

#### **Precious Material:**

Rhodium and silver

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Rhodium single tubing segment inside surfaces and silver single tubing segment inside surfaces

**Style Designator:** 

Straight type

**Fsc Application Data:** 

Antennas, waveguides, and related equipment

Shelf Life:

N/a

**Unit Of Measure:** 

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Demilitarization:

No

Fiig:

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