## NSN 5985-01-443-0737

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## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

3b first flange all connection facilities

**Thread Direction:** 

Right-hand first flange all connection facilities

Bend Angle In Deg:

90.0 single bend h-plane

**End Application:** 

Coast guard hc130h aps-137 radar system

**Tubing Wall Construction Style:** 

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.900 inches second flange

Flange Inside Height:

0.400 inches second flange

Flange Outside Width:

1.630 inches second flange

Flange Outside Height:

1.630 inches second flange

Flange Depth:

0.470 inches second flange

Flange Connecting Hole Diameter:

0.160 inches second flange all connection facilities

**Waveguide Outside Width:** 

1.000 inches

Thread Size:

0.160 inches first flange all connection facilities

Waveguide Inside Width:

0.900 inches

**Waveguide Inside Height:** 

0.400 inches

**Waveguide Outside Height:** 

0.500 inches

**Waveguide Longer Offset Distance:** 

17.000 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

## **NSN 5985-01-443-0737** Waveguide Assembly - Page 2 of 2



Waveguide Offset Distance:
5.000 inches
Special Features:
This item is painted black
Flexibility:
Rigid all tubing segment
Material:
Copper alloy all flange
Surface Treatment:
Paint all tubing segment and flange outside surfaces
Style Designator:
Bend type
Thread Series Designator:
Unjf first flange all connection facilities
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
A073a0