## NSN 5985-00-185-7502

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## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2a all flanges second connection facility

**Thread Direction:** 

Right-hand all flanges second connection facility

Bend Angle In Deg:

90.0 all bends e-plane

**Tubing Wall Construction Style:** 

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.062 inches all flanges

Flange Inside Height:

0.505 inches all flanges

Flange Outside Width:

1.625 inches all flanges

Flange Outside Height:

1.625 inches all flanges

Flange Depth:

0.437 inches all flanges

Flange Connecting Hole Diameter:

0.169 inches all flanges first connection facility

**Waveguide Outside Width:** 

Between 0.997 inches and 1.003 inches

Thread Size:

0.164 inches all flanges second connection facility

Waveguide Inside Width:

Between 0.897 inches and 0.903 inches

Waveguide Inside Height:

Between 0.397 inches and 0.403 inches

**Waveguide Outside Height:** 

Between 0.497 inches and 0.503 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges first connection facility

Flange Style:

Cover type all flanges

Waveguide Length:

7.200 feet

**Waveguide Center To Center Distance:** 

Between 1.420 inches and 1.460 inches

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Flexibility:
Rigid single tubing segment
Material:
Aluminum alloy single tubing segment
Surface Treatment:
Any acceptable single tubing segment and flange all surfaces
Style Designator:
Offset bend type
Thread Series Designator:
Unc all flanges second connection facility
Fsc Application Data:
Generator, signal
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli

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