# NSN 5985-01-237-3982

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# **Cross Sectional Shape:**

Internal, rectangular external, rectangular

#### **End Application:**

Training set, tactical electronic warfare an/msq-t13

# **Tubing Wall Construction Style:**

Seamless single tubing segment

# Flange Quantity:

1

#### Flange Inside Width:

1.503 inches single flange and 1.506 inches single flange

#### Flange Inside Height:

0.753 inches single flange and 0.756 inches single flange

#### Flange Outside Diameter:

3.110 inches single flange and 3.140 inches single flange

#### Flange Depth:

0.360 inches single flange and 0.390 inches single flange

# Flange Connecting Hole Diameter:

0.199 inches single flange all connection facilities and 0.203 inches single flange all connection facilities

# **Voltage Standing Wave Ratio:**

1.25

# Input Impedance Rating In Ohms:

50.0

#### **Output Impedance Rating In Ohms:**

50.0

# **Coaxial Connector Series Designation:**

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# **Connector End Design:**

Female

#### Adapter Length:

Between 2.094 inches and 2.156 inches

# **Waveguide Outside Width:**

Between 1.496 inches and 1.504 inches

# **Wavequide Inside Width:**

Between 1.368 inches and 1.376 inches

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

Between 0.618 inches and 0.626 inches

# **Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

# Flange Connecting Facility And Quantity:

6 unthreaded hole single flange all connection facilities

#### **Adapter Diameter:**

Between 3.110 inches and 3.140 inches

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Flange Style:
Cover type single flange
Adapterheight:
Between 3.110 inches and 3.140 inches
Special Features:
Frequency range 5.85 to 8.20 ghz
Material:
Aluminum alloy all tubing segment and flange
Surface Treatment:
Chromate all tubing segment and flange outside surfaces and enamel baked all tubing segment and flange outside surfaces
Style Designator:
Waveguide to coaxial
Fsc Application Data:
Antennas, waveguides, and related equipment
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A073a0