

View Online at <https://aerobasegroup.com/nsn/5985-01-247-7403>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b single flange all connection facilities

**Thread Direction:**

Right-hand single flange all connection facilities

**End Application:**

Test set, radar an/apm-440

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

0.896 inches single flange and 0.904 inches single flange

**Flange Inside Height:**

0.396 inches single flange and 0.404 inches single flange

**Flange Outside Width:**

1.610 inches single flange and 1.640 inches single flange

**Flange Outside Height:**

1.610 inches single flange and 1.640 inches single flange

**Flange Inside Diameter:**

1.406 inches single flange and 1.437 inches single flange

**Flange Depth:**

0.423 inches single flange and 0.453 inches single flange

**Voltage Standing Wave Ratio:**

1.10

**Coaxial Connector Series Designation:**

Sma

**Connector End Design:**

Female

**Thread Length:**

0.438 inches single flange all connection facilities

**Adapter Length:**

1.150 inches

**Adapter Height:**

Between 1.610 inches and 1.640 inches

**Thready Qty Per Inch (tpi):**

32 single flange all connection facilities

**Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

**Thread Size:**

0.164 inches single flange all connection facilities

**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 threaded hole single flange all connection facilities

**Flange Style:**

Choke type single flange

**Adapterheight:**

1.593 inches

**Adapterwidth:**

Between 1.610 inches and 1.640 inches

**Material:**

Aluminum alloy single tubing segment and flange

**Surface Treatment:**

Any acceptable single tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to coaxial

**Thread Series Designator:**

Unc single flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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