

View Online at <https://aerobasegroup.com/nsn/5985-01-194-3083>

**Unable To Decode:**

Internal, rectangular double ridged external, rectangular double indented

**Thread Class:**

2b single flange second connection facility

**Thread Direction:**

Right-hand single flange second connection facility

**Unable To Decode:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

0.691 inches single flange

**Flange Inside Height:**

0.321 inches single flange

**Flange Outside Width:**

1.968 inches single flange

**Flange Outside Height:**

1.390 inches single flange

**Flange Depth:**

0.595 inches single flange

**Flange Connecting Hole Diameter:**

0.156 inches single flange first connection facility

**Voltage Standing Wave Ratio:**

1.25

**Insertion Loss In Decibels:**

0.20

**Coaxial Connector Series Designation:**

Sma

**Connector End Design:**

Female

**Adapter Length:**

Between 1.680 inches and 1.750 inches

**Adapter Height:**

1.390 inches

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

32 single flange second connection facility

**Maximum Operating Pressure:**

30.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.187 inches and 1.193 inches

**Thread Size:**

0.138 inches single flange second connection facility

**Waveguide Inside Width:**

Between 1.087 inches and 1.093 inches

**Waveguide Inside Height:**

Between 0.503 inches and 0.509 inches

**Waveguide Outside Height:**

Between 0.603 inches and 0.609 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole single flange first connection facility

**Flange Style:**

Contact, double ridge type single flange

**Adapterheight:**

1.495 inches

**Adapterwidth:**

1.968 inches

**Special Features:**

Frequency range 4.75 to 11.0 ghz; 2 w power

**Material:**

Aluminum alloy 6061 single tubing segment and flange

**Surface Treatment:**

Chromate single tubing segment and flange all surfaces

**Style Designator:**

Waveguide to coaxial

**Thread Series Designator:**

Unc single flange second connection facility

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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