

View Online at <https://aerobasegroup.com/nsn/5985-01-193-8419>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**End Application:**

An/wlr-1

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Adapter Length:**

Between 5.615 inches and 5.625 inches

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

32 second flange all connection facilities

**Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

**Thread Size:**

0.164 inches second 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 second flange all connection facilities

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

External surfaces rhodium and external surfaces silver

**Precious Material:**

Rhodium and silver

**Surface Treatment:**

Rhodium all tubing segment and flange outside surfaces and silver all tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to waveguide

**Thread Series Designator:**

Unc second flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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