

View Online at <https://aerobasegroup.com/nsn/5985-00-866-6458>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Bend Angle In Deg:**

90.0 single bend e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

2.834 inches first flange and 2.846 inches first flange

**Flange Inside Height:**

1.334 inches first flange and 1.346 inches first flange

**Flange Outside Diameter:**

5.298 inches first flange and 5.328 inches first flange

**Flange Depth:**

1.235 inches first flange and 1.265 inches first flange

**Voltage Standing Wave Ratio:**

1.06

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

20 first flange all connection facilities

**Maximum Operating Pressure:**

30.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 2.994 inches and 3.006 inches

**Thread Size:**

0.250 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 2.834 inches and 2.846 inches

**Waveguide Inside Height:**

Between 1.334 inches and 1.346 inches

**Waveguide Outside Height:**

Between 1.494 inches and 1.506 inches

**Flange Connecting Facility And Quantity:**

8 threaded hole first flange all connection facilities

**Flange Style:**

Choke type first flange

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy single tubing segment and flange

**Style Designator:**

Three bend type

**Supplementary Features:**

2.9 to 3.1 ghz; peak power 3.0 megawatt min at 3.0 ghz; avg power 18.0 kw min at 3.0 ghz

**Thread Series Designator:**

Unc first flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0