

View Online at <https://aerobasegroup.com/nsn/5985-00-471-8983>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2a second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**Bend Angle In Deg:**

90.0 all bends e-plane

**End Application:**

Converter, radio frequency cv-2776/alq-78

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.118 inches second flange and 1.126 inches second flange

**Flange Inside Height:**

0.493 inches second flange and 0.501 inches second flange

**Flange Outside Width:**

2.625 inches second flange

**Flange Outside Height:**

2.250 inches second flange

**Flange Inside Diameter:**

0.875 inches second flange

**Flange Depth:**

0.625 inches second flange

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

32 second flange all connection facilities

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**Thread Size:**

0.164 inches second flange all connection facilities

**Waveguide Inside Width:**

Between 1.118 inches and 1.126 inches

**Waveguide Inside Height:**

Between 0.493 inches and 0.501 inches

**Waveguide Outside Height:**

Between 0.621 inches and 0.629 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole first flange all connection facilities

**Flange Style:**

Choke type first flange

**Waveguide Center To Center Distance:**

Between 2.427 inches and 2.447 inches

**Special Features:**

Three insert helicoils provided

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces

**Style Designator:**

Double bend type

**Thread Series Designator:**

Unc second flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0