

View Online at <https://aerobasegroup.com/nsn/5985-01-342-8928>

**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

**Thread Class:**

2b single flange first connection facility

**Thread Direction:**

Right-hand single flange first connection facility

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

0.688 inches single flange and 0.694 inches single flange

**Flange Inside Height:**

0.318 inches single flange and 0.322 inches single flange

**Flange Outside Width:**

1.360 inches single flange and 1.390 inches single flange

**Flange Outside Height:**

1.360 inches single flange and 1.390 inches single flange

**Flange Depth:**

0.235 inches single flange and 0.265 inches single flange

**Flange Connecting Hole Diameter:**

0.0960 inches single flange second connection facility and 0.0965 inches single flange second connection facility

**Voltage Standing Wave Ratio:**

1.30

**Insertion Loss In Decibels:**

0.10

**Coaxial Connector Series Designation:**

N

**Connector End Design:**

Female

**Adapter Length:**

1.300 inches

**Adapter Height:**

Between 1.360 inches and 1.390 inches

**Waveguide Outside Width:**

Between 0.788 inches and 0.794 inches

**Thread Size:**

0.138 inches single flange first connection facility

**Waveguide Inside Width:**

Between 0.688 inches and 0.694 inches

**Waveguide Inside Height:**

Between 0.318 inches and 0.324 inches

**Waveguide Outside Height:**

Between 0.418 inches and 0.424 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole single flange first connection facility

**Flange Style:**

Contact, double ridge type single flange

**Adapterheight:**

1.7475 inches

**Adapterwidth:**

Between 1.360 inches and 1.390 inches

**Special Features:**

Frequency range 7.5 to 18.0 ghz

**Material:**

Aluminum alloy single tubing segment and flange

**Style Designator:**

Waveguide to coaxial

**Thread Series Designator:**

Unc single flange first connection facility

**Specification Data:**

81349-mil-a-22641/23 government specification

**Fsc Application Data:**

Antennas, waveguide and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A073a0