

View Online at <https://aerobasegroup.com/nsn/5985-01-351-5670>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Radar set an/usc-3 (v) 1

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Voltage Standing Wave Ratio:**

1.20

**Maximum Operating Pressure:**

15.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.302 inches and 0.306 inches

**Waveguide Inside Width:**

Between 0.223 inches and 0.225 inches

**Waveguide Inside Height:**

Between 0.111 inches and 0.113 inches

**Waveguide Outside Height:**

Between 0.190 inches and 0.194 inches

**Waveguide First Leg Length:**

2.880 inches

**Waveguide Second Leg Length:**

2.690 inches

**Waveguide Third Leg Length:**

3.220 inches

**Waveguide Fourth Leg Length:**

0.880 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces and paint all tubing segment and flange outside surfaces

**Style Designator:**

Three bend type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A073a0