

View Online at <https://aerobasegroup.com/nsn/5985-01-012-2018>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Bellows single tubing segment

**Flange Quantity:**

2

**Insertion Loss In Decibels:**

0.01

**Maximum Operating Pressure:**

5.0 pounds per square inch gage

**Waveguide Outside Width:**

1.250 inches

**Waveguide Inside Width:**

1.122 inches

**Waveguide Inside Height:**

0.497 inches

**Waveguide Outside Height:**

0.625 inches

**Waveguide Length:**

3.156 inches

**Special Features:**

Operating power 10 kw average

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper alloy 220 single tubing segment and flange

**Precious Material And Location:**

Internal surfaces and flange faces silver

**Precious Material:**

Silver

**Surface Treatment:**

Paint second tubing segment and flange outside surfaces

**Style Designator:**

Straight type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0