

View Online at <https://aerobasegroup.com/nsn/5985-01-443-0262>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

E-8c

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Voltage Standing Wave Ratio:**

0.15

**Insertion Loss In Decibels:**

0.15

**Maximum Operating Pressure:**

31.4 pounds per square inch gage

**Waveguide Outside Width:**

1.000 inches

**Waveguide Inside Width:**

0.900 inches

**Waveguide Inside Height:**

0.400 inches

**Waveguide Outside Height:**

0.500 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Flange Style:**

Choke type all flanges

**Waveguide Length:**

Between 24.770 inches and 24.800 inches

**Specified Frequency:**

Between 8.2 gigahertz and 12.4 gigahertz

**Special Features:**

Peak power, 25 kw.; average power, 7 kw; flexible section, molded neoprene jacket; rfi sealing gaskets

**Flexibility:**

Flexible single tubing segment or rigid single tubing segment

**Material:**

Copper alloy single tubing segment

**Style Designator:**

Straight type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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