

View Online at <https://aerobasegroup.com/nsn/5985-00-904-6248>

**Application Design:**

Waveguide

**Body Material:**

Aluminum

**Mounting Hole/stud Quantity:**

10

**End Application:**

An/fps-91, radar set

**Voltage Standing Wave Ratio:**

1.20 and 50.00

**Rf Signal Attenuation In Decibels:**

40.0

**Voltage Standing Wave Ratio Frequency Range:**

+1250.0/+1350.0 megahertz and +1350.0/+6750.0 megahertz

**Mounting Method:**

Terminal w/mounting holes

**Terminal Type And Quantity:**

2 flange

**Frequency Range:**

Between 1250.000 megahertz and 6750.000 megahertz

**Special Features:**

N30 psi air pressure at 1250 to 1350 mhz, 100 w over each second and third harmonic band and 20 w average over each fourth and fifth harmonic band pwr rating, may be disassembled and shipped in two five foot sections

**Functional Description:**

Provides low loss propagation of te<sub>10</sub> mode in freq range 1250 to 1350 mhz while attenuating all existing te and tm modes at freq range 1350 to 6750 mhz

**Supplementary Features:**

O/a dim: 10 ft l, 30 in. Dia

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A20000