

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 te₁₀ 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