

View Online at <https://aerobasegroup.com/nsn/5985-01-009-0645>

**Overall Length:**

5.031 inches

**Overall Height:**

Between 1.327 inches and 1.331 inches

**Overall Width:**

Between 3.240 inches and 3.260 inches

**End Application:**

Missile guidance and tracking set an/spg-55b

**Radio Frequency Rating:**

Between 5.4 gigahertz and 5.9 gigahertz

**Design Type:**

Bidirectional

**Unit Type:**

Waveguide

**Voltage Standing Wave Ratio At Reference Frequency:**

1.1 to 1 at 5.4 to 5.9 ghz

**Power Loss In Decibels:**

3.0

**Terminal Fitting Name:**

Waveguide flange

**Terminal Fitting Usage Design:**

Main line

**Special Features:**

Copper alloy; cadmium plated; primer and paint 2 coats light gray enamel; pwr rating 6 kw avg, 1.25 megawatts peak; isolation 20 db min; pressure test at 40 psig 2 minutes

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T389-c