

View Online at <https://aerobasegroup.com/nsn/5985-01-368-8664>

**Overall Length:**

13.500 inches

**Overall Width:**

8.000 inches

**End Application:**

Next generation radar (nexrad)

**Radio Frequency Rating:**

Between 2.7 gigahertz and 3.0 gigahertz

**Design Type:**

Unidirectional

**Unit Type:**

Coaxial line

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

1.5 to 1 mainguide; 1.1 secdnry

**Terminal Fitting Name:**

Waveguide flange, mainguide; type n, female connectors

**Special Features:**

Directional crossguide; coupling, 35 db plus/minus 1.5; power, 1.2 megawatts peak, 2.5 kilowatts average; temperature, +10 deg.C. To +35 deg.C.; nonoperating, minus 35 deg.C. To +60 deg. C.; humidity, operating, 20 to 80%; nonoperating, 15 to 100%; altitude 3300 meters above mean sea level; waveguide, m85/1-042, wr284; connectors, type n female

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

T389-c