

View Online at <https://aerobasegroup.com/nsn/6625-01-233-4210>

**Overall Length:**

6.200 inches

**Frequency Rating:**

Between 4.4 gigahertz and 5.0 gigahertz

**Voltage Standing Wave Ratio:**

1.10

**Power Rating:**

1.0 watts average

**Special Features:**

Aluminum surfaces treated with chemical film conversion process iaw mil-c-5541, class 1a and paint color black; flanges shall mate with m3922/62-001 iaw mil-f-3922; 3.0 db perm 0.25 db coupling; coupling variation shall track within 0.25 db of the power coupled; 20.0 db min isolation; m90.0 db rf leakage; wave guide shall be m85/1-054 iaw mil-w-85; m46 to p85 degrees c operating temp range; 10,000 ft altitude operating range; test reqmt for altitude, temperature, shock, vibration, humidity, salt spray and fungus, environmentals per mil-std-202 and mil-std-810 exc matl used in the device shall be nonnutrient to fungus; reliability of the unit shall have a useful operating life of at least 10 years and 500,000 hours per mil-hdbk-217; test procedures and test data for elec tests shall be supplied to the procuring activity for approval

**Unpackaged Unit Weight:**

2.000 pounds

**Specification Data:**

49956-g111679-1 manufacturers specification control

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A512n0