

View Online at <https://aerobasegroup.com/nsn/5985-01-369-7461>

**Overall Length:**

31.800 inches

**Overall Height:**

12.000 inches

**Overall Width:**

31.800 inches

**End Application:**

Next generation radar (nexrad)

**Component Type And Quantity:**

1 coupler and 1 controller and 1 diode and 1 connector

**Special Features:**

High power non-reflective solid state switch init; frequency range, 2.7 to 3.0 ghz; diode switch stages; diode status monitor; switch driver; linedriver; pass.Diod/Imtr; oper.Inp.Max., 100 kw (80 dbm) peak, 200 watts aver. At 0.002 duty cycle; input pulse width, 4.65 usec max.; rise/fall time, 100nanosec. Max.; isolation, 65 db min.; power input, +53 dbm max.; isolation, 38 db loss min.; operating power, +3 dbm max.; coupling, 20 db +/- 0.5 db; calibration, +/- 0.2 db at each freq.; switching rate, 2000 pps max.; power supply voltage and current, +5 +/-0.5 vdc; overvoltage protection; decoupling filters; rfi shielding; temp. Range, operating, -40 deg.C.; non-operating, -62 deg.C. To 60 deg.C.; humidity, 15-100% operating and non-operating; altitude, 3300 meters above sea level; waveguide size, m85/1-042, wr284; weight, 30 lbs.Max.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A51110