

View Online at <https://aerobasegroup.com/nsn/5985-01-007-9415>

Ambient Temperature In Deg Celsius At Full Rated Power:

-45.0 and 71.0

Cooling System Coolant Flow Rate:

3.0 gallons per minute

Overall Length:

Between 3.812 inches and 3.937 inches

Body Width:

Between 1.687 inches and 1.812 inches

Body Height:

Between 2.562 inches and 2.687 inches

Frequency Range Rating:

+7.900/+8.400 gigahertz

Voltage Standing Wave Ratio:

1.15

Power Rating:

10.000 kilowatts peak

Voltage Standing Wave Ratio Frequency Range:

+7.900/+8.400 gigahertz

Termination Type:

Waveguide flange

Waveguide Flange Designation:

Ug-51/u

Intake Connection Thread Location:

External

Discharge Connection Thread Location:

External

Operating Position:

All positions

Discharge Connection Thread Size And Series/type Designator:

1/2-14 npt

Intake Connection Thread Size And Series/type Designator:

1/2-14 npt

Coolant Chamber Pressure:

90.0 pounds per square inch gage

Rf Connector Changing Feature:

Not included

Cooling Method:

Forced liquid

Special Features:

Waveguide and flange are copper alloy; jacket to be material compatible with copper; flange external surface treatment lusterless black enamel

Precious Material And Location:

Internal surfaces and flange faces gold

Precious Material:

Gold

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A19800