

View Online at <https://aerobasegroup.com/nsn/5985-01-539-2161>

Body Material:

Aluminum and steel, stainless and beryllium copper

Body Style:

Err-090

Body Surface Treatment:

Gold plated

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Power Rating:

50.0 watts average and 1.0 kilowatts peak

Unpackaged Unit Weight:

175.0 grams

Frequency Range:

18.000 gigahertz

Special Features:

Frequency range dc to 18.0 ghz; power rating, mounted horizontally, 50 w average, unidirectional to 25 degrees c ambient temp, derated linearly to 5 watts at 125 degrees c; power coefficient less than 0.0003 db/db/watt; temperature coefficient less than 0.0004 db/db/degc; test data insertion loss test data supplied at 0.05, 4.0, 8.0, 12.0 and 18.0 ghz; connectors type n connectors per mil-std-348 interface dimension mate nondestructively with mil-c-39012 connectors; construction black, finned aluminum body, stainless steel connectors with gold plated beryllium copper contacts; finned area is 103.7 mm l and 41.15 diameter max; first end is 18.3 mm l and 16.0 mm dia; second end is 21.0 mm dia

Functional Description:

Designed to meet environmental requirements of mil-a-3933; low intermodulation option available; rugged injection molded connector dielectric

Precious Material And Location:

Contacts gold

Precious Material:

Gold

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A20000