

View Online at <https://aerobasegroup.com/nsn/5962-01-575-0653>

Overall Length:

Between 5.800 inches and 6.200 inches

Overall Height:

Between 1.350 inches and 1.750 inches

Body Length:

Between 3.800 inches and 4.000 inches

Body Width:

Between 4.800 inches and 5.000 inches

Body Height:

Between 1.100 inches and 1.650 inches

Operating Temperature Range:

-40.0/+85.0 degrees celsius

Storage Temperature Range:

-65.0/+125.0 degrees celsius

End Application:

Conversion of signal level to decibel form; transmitter antenna power measurement; receiver signal strength indication (rssi); low cost radar ad sonar signal processing; network and spectrum analyzers (to 120 db); signal level determination down to 20 hz; true decibel ac mode for multimeters

Design Function And Quantity:

1 amplifier, log

Product Name:

Low cost, dc to 500 mhz, 92 db logarithmic amplifier

Special Features:

Complete multistage logarithmic amplifier; 92 db dynamic range, -75 dbm to +17 dbm to -90 dbm using matching network; single supply of 2.7 v at 7.5 ma typical; dc to 500 mhz operation, +/-1 db linearity; slope of 25 mv/db, intercept of -84 dbm; highly stable scaling over temperature; fully differential dc-coupled signal path; 100 ns power-up time

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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