

# MMIC Amplifier

# RAM-1+

## Typical Performance Data

| FREQUENCY<br>(MHz) | GAIN<br>(dB)<br>17 mA | ISOLATION<br>(dB)<br>17 mA | RETURN LOSS<br>IN<br>(dB)<br>17 mA | RETURN LOSS<br>OUT<br>(dB)<br>17 mA |
|--------------------|-----------------------|----------------------------|------------------------------------|-------------------------------------|
| 100                | 18.50                 | 21.94                      | 23.10                              | 23.10                               |
| 500                | 17.50                 | 21.94                      | 24.44                              | 23.10                               |
| 1000               | 15.50                 | 20.00                      | 24.44                              | 20.92                               |
| 1500               | 13.70                 | 17.72                      | 27.96                              | 20.00                               |
| 2000               | 12.30                 | 15.92                      | 24.44                              | 15.92                               |
| 2500               | 10.60                 | 14.89                      | 20.00                              | 15.92                               |
| 3000               | 9.30                  | 13.98                      | 18.42                              | 16.48                               |
| 3500               | 7.90                  | 13.15                      | 13.97                              | 15.92                               |
| 4000               | 6.60                  | 12.04                      | 11.06                              | 15.39                               |

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