



11pF typ. @0V  
 2.6pF @12V  
 4.7pF total.  
 10 MHz: 3.38 kOhm gain 81  
 1 MHz: 33.8 kOhm gain 810

- 5nA
- 520nA
- 24nA
- 124nA
- 29nA
- 12nA
- 
- 714nA

816uA MOSFET noise as seen on output

11pF typ. @0V  
 1.32pF @48V  
 3.42pF total.  
 10 MHz: 4.65 kOhm gain 112  
 1 MHz: 46.5 kOhm gain 1120

- With 48V and 390k:
- 5nA
  - 133nA
  - 24nA
  - 65nA
  - 23nA
  - 6nA
  - 
  - 256 nA

816uA MOSFET noise as seen on output

They say in datasheet  $2re=32$  Ohm that's re 16 Ohm. 26 Ohm is at 1mA so the le in the transistors inside is 1.6mA. Assuming gain of 100, the Ib is 16uA. This makes 1.3nA at the input @10 MHz, totally negligible.

Resistor: 52mV/R  
MOSFET: 34mV \* gs

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### Ronja RX Noise

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