1) 22/04  Phototube Preamplifier

![Circuit Diagram]

OPA 437  OPA 627  OPA 633

Input RC

\[ T = 10^4 \pi \times 10^{-11} \text{ s} \]

\[ T = 10^{-7} \text{ sec} = 100 \text{ ns} \]

Measured Rise Time: 100 ns.

Current Drain: ~35 mA, ±12

So, Rise Time is determined by input RC limit.

Limit is probably <35 ns.