



PDHonline Course E277 (4 PDH)

Operational Amplifier Stability and Common-Mode Noise Rejection

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PDH Online | PDH Center

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Appendix A

The 741 Operational Amplifier

Parameters	Minimum	Typical	Maximum
A_{VOL}	Open loop voltage gain	50,000	200,000
V_{io}	Input offset voltage	1 mV	6 mV
I_B	Input bias current	80 nA	500 nA
I_{io}	Input offset current	20 nA	200 nA
R_o	Output resistance	75 Ω	
CMR (dB)	Common mode rejection	70 dB	90 dB
R_i	Input resistance	300 k Ω	2 M Ω

