



PDHonline Course E278 (3 PDH)

Operational Amplifiers at Higher Frequencies

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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	

