

Experiment 5:

Diode Rectifier Circuits

Pre-Lab Report

A. Rectifier Design Characteristics

Name the most important characteristics which must be specified for a rectifier circuit

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B. Full Wave Rectifier with Capacitor (Fig.4)

Calculate the values of V_r and V_{DC} using the approximate relations in the Theory section.

C(μ F)	RL=680 Ω		RL=2.2K Ω	
	V_{DC}	V_r	V_{DC}	V_r
1				
22				
100				
1000				