

PH313

T-41-53

ELECTRO-OPTICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	MIN.	TYP.	MAX.	UNIT	TEST CONDITIONS
Dark Current	I_D			4	nA	$V_R = 15\text{ V}$
Sensitivity	S	0.45	0.52		A/W	$V_R = 15\text{ V}$, $\lambda = 780\text{ nm}$
Rise Time	t_r		1		ns	$V_R = 15\text{ V}$, $R_L = 1\text{ k}\Omega$
Fall Time	t_f		1		ns	$V_R = 15\text{ V}$, $R_L = 1\text{ k}\Omega$
Terminal Capacitance	C_1^*		1.6		pF	$V_R = 15\text{ V}$, $f = 1.0\text{ MHz}$
Terminal Capacitance	C_2^{**}		1.9		pF	$V_R = 15\text{ V}$, $f = 1.0\text{ MHz}$
Resistance between Each Element	R	1.0			$\text{M}\Omega$	

* : A to D Each element capacitance against cathode.

** : E, F Each element capacitance against cathode.