

OPTO-ELECTRICAL PARAMETERS

T_a = 23°C UNLESS OTHERWISE NOTED

PARAMETER	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Dark Current	V _R = 50V	-	8.0	30	nA
Junction Capacitance	V _R = 0V, f = 1 MHz	-	17.5	-	pF
	V _R = 50V, f = 1 MHz	-	2.5	-	
Spectral Application Range	Spot Scan	350	-	1100	nm
Responsivity	λ = 900nm, V _R = 0V	0.50	0.55	-	A/W
Breakdown Voltage	I = 10 μA	-	75	-	V
Noise Equivalent Power	V _R = 5V @ λ = 950nm	-	1.0x10 ⁻¹³	-	W/√Hz
Response Time**	RL = 50Ω, V _R = 0V	-	190	-	nS
	RL = 50Ω, V _R = 50V	-	5	-	

**Response time of 10% to 90% is specified at 660nm wavelength light.

TYPICAL PERFORMANCE

SPECTRAL RESPONSE

