

Electrical & Optical Characteristics (Ta = 25°C)

Items	Symbol	Conditions	Min	Typ	Max	Unit
Power Output	PO	IF=50mA	2.4	4.0	--	mW
Forward Voltage	VF	IF=50mA	--	1.45	1.80	V
Reverse Current	IR	VR=5V	--	--	10	μA
Peak Wavelength	λp	IF=50mA	860	880	--	nm
Spectral Line Half Width	Δλ	IF=50mA	--	60	--	nm
Half Intensity Beam Angle	θ	IF=50mA	--	±4	--	deg.
Rise Time	Tr	IFP=50mA	--	1.5	--	μS
Fall Time	Tf	IFP=50mA	--	0.8	--	μS
Junction Capacitance	Cj	1MHz, V=0V	--	15	--	pF
Temp. Coefficient of PO	P/T	IF=10mA	--	-0.5	--	%/°C
Temp Coefficient of VF	V/T	IF=10mA	--	-1.5	--	mV/°C

Graphs:

