

Photodiode: Single-Mode Fiber-Pigtail (1250-1650nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter			Unit	Value
Wavelength			nm	1250-1650 [^]
Dark Current	(V _R =-5V, 25°C)	Max	nA	1.0 [^]
Response Time	(V _R =-5V, R _L =50Ω)	Typ.	ns	1 [^]
Responsivity	(V _R =0V, λ=1310nm) (V _R =0V, λ=1550nm)	Min	A/W	0.85* [^]
		Min	A/W	0.9* [^]
Active Diameter		-	um	300 [^]
Bandwidth	(R _L =50Ω, Pin=-10dBm, V _R =-5V, Small Signal)	Min	GHz	0.4 [^]
Capacitance	(V _R =-5V, f=1MHz)	Max	pF	7 [^]
Reverse Voltage		Max	V	20 [^]
Forward Current		Max	mA	6 [^]
Return Loss (λ=1550nm, 23°C)		Min	dB	55*
Input Optical Power		Max	mW	5 [^]
Storage Temperature			°C	-40 to 85
Operating Temperature			°C	0 to 70

* The above specifications are for parts without connectors. Adding connectors can affect the Responsivity, Return Loss.

[^] The above parameters depend on the photodiode type.

Ordering Information

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PPD	Type	Material	Active Diameter	Package	Dimensions	Fiber Type	Fiber Length	Connector
PPD	PIN=PIN	IGA=InGaAs	3.00=300um	T46=TO-46	5523= Φ5.5 xL23	B=SMF-28,250um L=SMF-28,900um	10=1.0m 15=1.5m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC
	X=Others	X=Others	X=Others	X=Others	X=Others	X=Others	X=Others	X=Others

Package Dimensions

