

PHOTODIODE: SINGLE-MODE FIBER-PIGTAIL (1250-1650nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	1250-1650
Dark Current	($V_r = -5V, 25^\circ C$)	Max nA	1.0
Responsivity	($V_r = -5V, \lambda = 1550nm$)	Min A/W	0.9
	($V_r = -5V, \lambda = 1310nm$)	Min A/W	0.85
Active Area	-	um	300
Bandwidth	($R = 50\Omega, P_{in} = 10dBm, \text{Small Signal}$)	Min GHz	0.4
Capacitance	($V_r = -5V, f = 1MHz$)	Max pF	6
Reverse Voltage		Max V	20
Forward Current		Max mA	6
Return Loss ($\lambda = 1550nm, 23^\circ C$)		Min dB	45
Input Optical Power		Max mW	5
Storage Temperature		$^\circ C$	-40 to 85
Operating Temperature		$^\circ C$	0 to 70

Ordering Information

Contact Ascentta with your custom configuration needs.

PPD	Type	Material	Active Area	Package	Dimensions	Fiber Type	Fiber Length	Connector
PPD	PIN=PIN	IGA=InGaAs	3.00=300um	T46=TO-46	5523= $\Phi 5.5 \times L23$	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

