

1.8 OR 1.4 mm TAP PD



FEATURES

- Slim package for CFP2
- Uni-Directional
- High Thermal stability
- Automation Manufacturing
- Customizable Tap Ratio

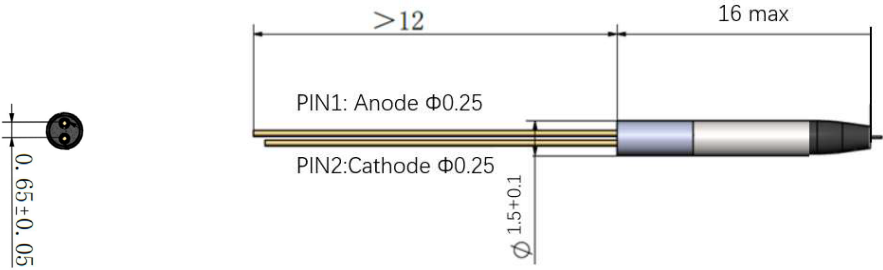
Specifications

Parameter		Min	Typ.	Max	Unit
Responsivity	1%	0.008	0.02		A/W
	2%	0.014	0.025		A/W
	5%	0.040	0.070		A/W
	10%	0.080	0.140		A/W
	20%	0.120	0.280		A/W
Directivity (Defined as forward responsibility minus reverse PD responsibility)		30			dB
-3 dB Bandwidth		1.0			GHZ
Insertion Loss	1%		0.45		dB
	2%		0.65		dB
	5%		1.20		dB
	10%		1.85		dB
	20%		2.00		dB
Wavelength dependent Loss			0.3		dB
Temperature dependent Loss			0.3		dB
Polarization dependent Loss			0.1		dB
Return loss		45			dB
Dark current(@75C,-5 V bias)			2		nA
Dark current(@25C,-5 V bias)			1		nA

Operating Conditions

Parameter		Specifications	Unit
Operating wavelength range		1520-1570 or 1570-1610	nm
Max. Optical Power	1%	250	
	2%	125	
	5%	50	mW
	10%	25	
	20%	12.5	
Operating Temperature		0-75	°C
Storage temperature		-40-85	°C
Operating Relative Humidity		0-85 (No condensation)	%RH
ESD		200	V

Mechanical Size (mm)



Parameter	Specifications	Unit
Max body Length	14 (not including boots)	mm
Diameter	1.8 or 1.4	mm
Fiber Type	G657 B3 125/250 μm or 80/165 μm fiber or specified	μm
Fiber Color Coding	Input: Blue Output: clear	
Fiber Length	1.0+/-0.1	m

Ordering Information

MPD - X - X - X - X - X
 A B C D E

A	Wavelength	C = C-Band L = L-Band
B	Diameter Size	N = diameter 1.8 U = diameter 1.4
C	Input Fiber Type	O = OFS81161 G = G657 B3
D	Output Fiber Type	O = OFS81161 G = G657 B3
E	Ratio Type	01 = 1% 02 = 2% 05 = 5% 10 = 10% 20 = 20%