

Fiber Coupled Coaxial DFB Laser

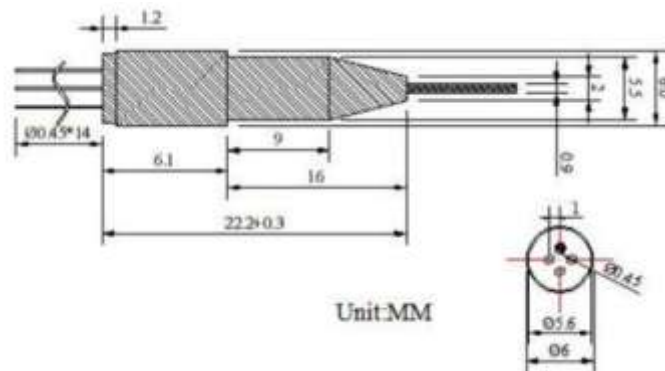
Specifications

Parameters	Values			unit	Test conditions
	min	typ	max		
Central Wavelength	1300	1310	1320	nm	-
	1540	1550	1560		
Spectral width(-20dB)	-	0.2	0.5	nm	CW, Ith +20mA
Rated Power	2		5	mW	CW, Ith +20mA
Current Threshold		5	15	mA	
Operating current	-	45	55	mA	
Slope Efficiency			0.25	mW/mA	CW
Side-Mode Suppression Ratio	35			dB	
Frequency Bandwidth	2000		6000	MHz	
Monitor Current	100		1200	uA	CW, Ith +40mA
Monitor Dark Current	-	-	100	nA	5V
Isolation	35/45	40/50		dB	1-stage/2-stage
Optical return loss	45			dB	SM/PM fiber
Relative Intensity Noise		-155	-150	dB/Hz	
RF Flatness			+/-1.5	dB	
Carrier Noise Ratio	51			dB	
Storage Temperature	-40		+100	dC	

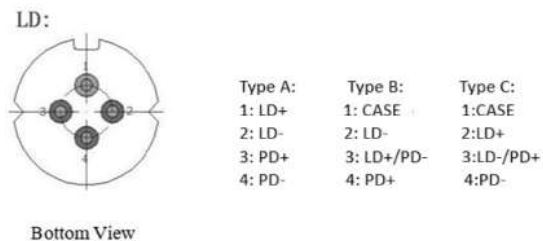
Operating Temperature	-40		85	dC	
Forward Current (LD)			150	mA	
Reverse Voltage (LD)			2	V	
Forward Current (PD)			2	mA	
Reverse Voltage (PD)			15	V	
Soldering Temperature			260	dC	
Soldering Time			10	s	

We offer customized fiber coupled photodetector. Please [Contact us](#) to discuss with your detail requirements.

Product dimensions:



Pin definition:



Ordering information:

FCDL -	Bandwidth	Pin definition	Fiber type	Fiber jacket	Fiber length	Connector	CPN
	3GHz	Type A	SMF-28	900um tube	0.25m	FC/APC	Issue a CPN# for your convenience of re-ordering
	6GHz	Type B	PM1550	250um	0.5m	FC/UPC	
	custom	Type C	PM1300	custom	1m	SC/APC	
			50/125		custom	SC/UPC	
			custom			LC/APC	
						LC/UPC	
						None	
						custom	