

IDPDL3215-1310nm DFB LD MODULE



1310nm coaxial DFB-LD, power :1-2mW, SMF pigtailed, without isolator

Specification

Parameter	Symbol	Test	Min	Typ	Max	Unit
Rated Output Power	Pout	Iop=Ith+20	1	1.5	2.5	mW
Center wavelength	λ	CW	1290	-	1340	nm
Spectral width	$\Delta\lambda$	CW	-	-	1.0	nm
Threshold Current	Ith	CW	-	10	15	mA
Operating Current	Iop	CW	-	Ith+2	-	mA
Side Mode Suppression	Sr	0-70°C	30	-	-	dB
Rise and Fall times	Tr/Tf	CW	-	0.15	0.3	ns
Monitor Current	Im	CW	100	400	-	uA
Monitor Dark Current	Id	CW	-	-	10	nA

Absolute Maximum Ratings

Parameter	Symbol	Value	Unit
Forward Current (LD)	IF(LD)	100	mA
Reverse Voltage (LD)	VR(LD)	2	V
Operating Current (PD)	IF(PD)	2	mA
Reverse Voltage (PD)	VR(PD)	20	V
Operating Temperature	TOP	-20 ~ +65	°C
Storage Temperature	TST	-40 ~ +85	°C
Lead solder temperature/duration	-	240/10	°C/S

Pin Assignment:

1. LD+&CASE	2. LD-
3. PD-	4. PD+

