



## 1310nm DFB Chip

The DL-DFB31020D is an InGaAsP based distributed feedback laser chip.

These devices have been optimized for telecommunication test & measurements as well as Datacom applications.

DenseLight's DFB lasers are grown in our own wafer fabrication facility in Singapore.

### APPLICATIONS

*SiP CW Lasers  
 OTDR  
 FTTx  
 PSM-4  
 CWDM*

### PRODUCT OFFERING

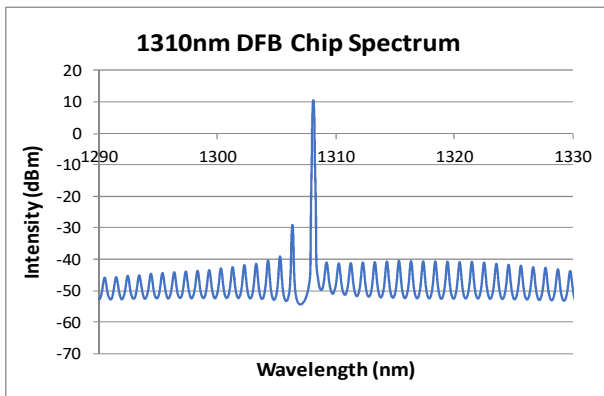
Part No	$\lambda$ nm	Po (mW)
DL-DFB31020D	1310	20
DL-DFB31040D	1310	40
DL-DFB31070D	1310	70
DL-DFB31030D-70	1310	30 @ 70°C

DenseLight has capability to do other wavelengths. Please contact your local sales or write to [info@denselight.com](mailto:info@denselight.com) for information

### FEATURES & PERFORMANCE

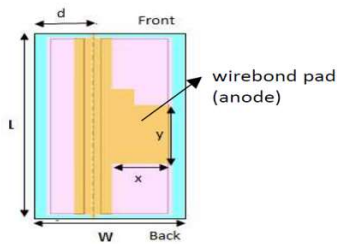
- Uncooled operation from -5 to 70°C
- Output power (CW)
  - up to 30mW at 70°C
  - up to 70mW at 25°C
- Typical SMSR  $\geq$  35dB
- Designed for CW transmission

## Product Performance



25°C

## PHYSICAL & MECHANICAL SPECIFICATION



Parameters	Symbol	Typical	Unit
Chip Size	L x W x H	250* x 200 x 100	mm
Emission Spot (from Chip Edge)	d	65	mm
Wire Bond Pad	x,y	100 x 100	mm

\* L is longer, for higher power devices