

Re: Information about superluminescent diodes (SLD)?

Source: <http://sci.tech-archive.net/Archive/sci.optics/2005-10/msg00260.html>

- *From:* Helmut Wabnig <EmailAddress>
 - *Date:* Fri, 28 Oct 2005 09:56:46 +0200
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On 27 Oct 2005 21:13:09 -0700, mpate@xxxxxxxxxxxx wrote:

>.....
>When you google make sure you google in the web section, not just the
>groups section. I found quite a bit in the web google section 11K hits
>on superluminescent LED.
>
>See Light-Emitting Diodes, by Fred Schubert of Renssaler Poly Inst,
>US\$47 good book.
>
>In his book he answers your questions above.
>The structure is very similar to laser diodes except the sld has no
>optical feedback. Since the feedback is from the end mirrors in a
>laser diode the end mirrors are absent in the sld. The front side of
>the sld must have a very low reflectivity ar coating.
>.....
I wonder how they absorb the light in the rear, with those diodes
which have a rear aperture. Which kind of absorber is there?

w.
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- *References:*
 - ◆ ***Information about superluminescent diodes (SLD)?***
 - ◇ *From:* Karlo Janos
 - ◆ ***Re: Information about superluminescent diodes (SLD)?***
 - ◇ *From:* mpate
- Prev by Date: ***Re: Information about superluminescent diodes (SLD)?***
- Next by Date: ***Re: Information about superluminescent diodes (SLD)?***
- Previous by thread: ***Re: Information about superluminescent diodes (SLD)?***
- Next by thread: ***Re: Information about superluminescent diodes (SLD)?***
- Index(es):
 - ◆ ***Date***
 - ◆ ***Thread***