

sci.optics: Re: How can I couple the infrared light from an ordinary bulb into a single mode fibre?

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"Alu" <alucard1231@hotmail.com> wrote in message
news:1111141604.537321.50860@g14g2000cwa.googlegroups.com...
> *Thank you for all of your replies. Actually, I want couple the light,*
> *with the wavelengths from 1200nm to 1600nm, into a G652 fibre. But the*
> *ordinary LED's bandwidth is not that wide. So if I don't use multiple*
> *LEDs to cover the range, how can I do it? Thank you.*

If you've got the money, generate a supercontinuum in a photonic crystal fiber.

www.crystal-fibre.com

The fiber itself is only a couple of hundred in any major currency but you need a femto- or picosecond laser.

Johannes