



To: A.B.

From: T.W.

Alex,

I really appreciate your willingness to take some time out of your busy schedule to help me out on this fiber problem.

Attached is the data that we've collected on efficiency of light transmission through four different brands of optical fibers.

As you can see in all cases the lab people measured the intensity of light that came through for various lengths of the fiber.

The trouble is that the data is coming from different sources so they didn't all start with the same light intensity, which makes it harder to compare the fibers.

Also in at least one of these cases my researcher told me that he thought they just made up the data to make their fiber look good. But he didn't say which one and he's off on a three-week vacation in Samoa (without his cell phone!).

It will be a miracle if you can do anything with this, but I'm glad you will try.

The main thing I need to know is which brand of fiber is the best at transmitting light and seems to be the most reliable in its manufacturing process.

I'll be happy to pay your outrageously high consultant fee if you can give me these answers.

Best,

Tom

P.S. For the fiber you recommend, I also need to know its efficiency at transmitting light over a 1000-meter distance. I'm sure that's impossible but if you can somehow figure it out from this data I'll double your fee.

