

Reasons for low pigtail coupling efficiency

What a lens system can achieve is only to retrieve the efficiency of butt coupling when the fiber must be placed at a distance from a diffuse source. Therefore, for maximum efficiency, choose a fiber with the ...

1. purpose, end, aim, object, objective. Reason, cause, motive are terms for a circumstance (or circumstances) which brings about or explains certain results. A reason is an explanation of a ...

The reason for something is a fact or situation which explains why it happens or what causes it to happen. Who would have a reason to want to kill her? [NOUN to-infinitive] ...the reason why Italian ...

It is relatively easy to calculate coupling losses for single-mode fibers. Essentially, the guided mode from the first fiber (the input) creates some amplitude profile in the second fiber, which may be somewhat ...

People often list reasons for major life decisions, such as moving to a new city or changing jobs, to clarify their thoughts. When parents explain rules to children, they often provide reasons to help kids ...

Since any single-mode fiber has a low BPM, the resulting coupling efficiency will always be very low. If you can also use a multimode-fiber, please refer to this technote for more details.

Chemical DNA synthesis comprises of multiple reactions to complete a cycle of the appropriate base coupling. Thus the use of reagents of exacting specifications, state of the art instrument and ...

Explanatory reasons are explanations of why things happened. For example, the reason the patient is in pain is that her nerves are sending signals from her tissues to her brain. A reason, in ...

Improving the coupling efficiency of two optical signals is a hot issue, where the efficiency of optical coupling has a significant effect on the signal transmission over the fiber link.

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to think or argue in a logical manner. to form conclusions, judgments, or inferences from facts or premises. to urge reasons which should determine belief or action. Synonyms: persuade

1. To determine or conclude by logical thinking: The doctor reasoned that the patient had a virus. 2. To persuade or dissuade (someone) with reasons: "You boast ... of having reasoned him out of his ...

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The meaning of REASON is a statement offered in explanation or justification. How to use reason in a sentence. Synonym Discussion of Reason.

ILDs with a properly aligned fiber pigtail will have a source coupling efficiency of 10-20%. For the case where the emitting area of the source is smaller than that of the fiber core, imaging optics can ...

There are a number of reasons for this. The last reason is perhaps the most common. However, this was not always the case, for several reasons. For this reason, the use of an antagonist is unnecessary. A ...

The loss of optical fiber link has a significant impact on the performance of optical fiber communication. In the short-distance optical interconnection, the qu.

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