An optical probe and related methods

Abstract

The present invention relates to optical coupling between optical components and, more particular, to an optical probe (1) configured for optical testing of at least one micro-optical component (50), to a method for producing an optical probe (1), and to a method for optical testing of at least one micro-optical component (50). The optical probe (1) is comprising:

- a probe head (10), wherein an optical performance of the probe head (10) is calibrated and wherein the probe head (10) comprises a testing circuit (2), wherein the testing circuit (2) is fixed on a mechanical support;
- at least one micro-optical element (20), wherein the micro-optical element (20) is a separate element with regard to the testing circuit (2) and in mechanical contact with the testing circuit (2),

wherein the micro-optical element (20) is configured to optically couple light between the testing circuit (2) and the micro-optical component (50), thereby being configured to determine an optical performance of the micro-optical component (50).

(Figure 1)