

ABSTRACT OF THE DISCLOSURE

An assembly alignment structure for optical component is provided, including: an optical fiber, comprising: a combined fiber segment and a plurality of bare fiber segments; a cover plate, having a first installation surface disposed with a plurality of guide grooves, an installation groove, and at least one first coupling groove, the bare fiber segments being in the corresponding in the guide grooves; a lens, arranged in the installation groove; a chip, having a signal receiving surface; a carrier plate, having a second installation surface disposed with at least one second coupling groove, the chip is fixed on the second installation surface; and at least one positioning post; when the cover plate and carrier plate are aligned, the positioning post is located in the first and second coupling grooves, and the optical fiber and the lens are fixed and aligned between the carrier plate and the cover plate.

FIG. 1