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(54) **OPTICAL FIBRE CONNECTOR AND ASSEMBLY METHOD THEREFOR**

(57) Disclosed are an optical fiber connector an assembly method therefor. The connector is used for matching with an optical fiber adapter, and comprises a connector casing, a ceramic ferrule (2), a spring (4) and a boot (8), wherein the connector casing has a horizontal width of 2.5mm to 4.5mm, is formed by inserting and locking a front casing (1) and a rear casing (5) and forms a cavity; the tail of the connector casing is connected to the boot (8), the external front end of the connector casing is provided with a guiding cam (101) and a combined

elastic arm successively in the rearward direction, and a retaining cam (104) is arranged on the combined elastic arm; the tail end of the ceramic ferrule (2) is fixed to a tailstock (3) of the ceramic ferrule and penetrates through a through hole at the front end of the connector casing; and the spring is compressed between the tailstock (3) of the ceramic ferrule and a thrust block (501) formed by the inner walls of the connector casing. The connector greatly reduces the overall dimensions of the connector, and increase the installation density of the connector.

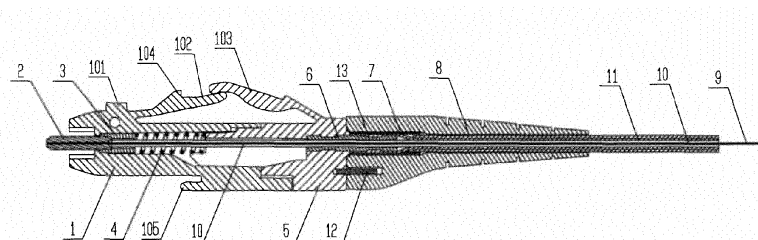


FIG.1