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**(54) Title (EN):** FIBER OPTIC PORT MODULE INSERTS, ASSEMBLIES AND METHODS OF MAKING THE SAME

**(54) Title (FR):** INSERTS MODULAIRES À ORIFICES POUR FIBRES OPTIQUES, ENSEMBLES ET PROCÉDÉS DE FABRICATION

**(57) Abstract:**

**(EN):** Devices such as port module inserts comprising connection ports with associated securing features and methods for making the same are disclosed. In one embodiment, the port module insert comprises a housing, at least one connection port, at least one securing feature passageway, and at least one securing feature. The at least one connection port is disposed on the port module insert with the at least one connection port comprising an optical connector opening extending from an outer surface of the port

module insert to a cavity of the port module insert and defining a connection port passageway. The at least one securing feature is associated with the connection port passageway, and the at least one securing feature is disposed within a portion of the at least one securing feature passageway.

**(FR):** L'invention concerne des dispositifs, tels que des inserts modulaires comprenant des orifices de connexion dotés d'éléments de fixation associés, et leurs procédés de fabrication. Selon un mode de réalisation, l'insert modulaire à orifices comprend, au moins un orifice de connexion, au moins un passage pour élément de fixation, et au moins un élément de fixation. L'au moins un orifice de connexion ménagé dans l'insert modulaire à orifices doté de l'au moins un orifice de connexion, comprend une ouverture pour connecteur optique s'étendant d'une surface extérieure de l'insert modulaire à orifices jusqu'à une cavité de l'insert modulaire à orifices et définissant un passage pour orifices de connexion. L'au moins un élément de fixation est associé au passage pour orifices de connexion, et l'au moins un élément de fixation est disposé dans une partie de l'au moins un passage pour élément de fixation.

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