

Abstract

There are provided a method for reinforcing a splice part and a reinforcing structure, which enable reinforcement of a splice part of optical fiber cores with sufficient strength.

The method is for reinforcing a fusion splice part S where optical fiber cores 12 extending from sheaths 16 of a pair of optical cables 11 are spliced to each other, wherein a reinforcing member 131 is provided along the fusion splice part S so that both ends of the reinforcing member 131 overlap with each of the sheaths 16 of the optical cables 11; an adhesive tube 134 covers the periphery of the fusion splice part S provided with the reinforcing member 131 so that both ends of the adhesive tube 134 overlap with each of the sheaths 16 of the optical cables, and is contracted; and a protective tube 135 covers the periphery of the adhesive tube 134 so that both ends of the protective tube 135 overlap with each of the sheaths 16 of the optical cables 11, the adhesive tube 134 is outwardly projected in the length direction, and is contracted.