

OPTICAL FIBER TAPE CORE WIRE AND OPTICAL FIBER CABLE

ABSTRACT

An optical fiber tape core wire (3) is configured by arranging in parallel and coupling a plurality of single-core optical fibers (4). The optical fibers (4) adjacent to each other are intermittently bonded by coupling parts (19) at predetermined intervals in the longitudinal direction of the optical fiber tape core wire (3). The coupling parts (19) adjacent to each other in the width direction are disposed to be displaced from each other in the longitudinal direction of the optical fiber tape core wire (3). In the optical fiber tape core wire (3), the adjacent optical fibers (4) are intermittently coupled by the coupling parts (19) in the longitudinal direction, and the amounts of resin of the coupling parts (14) are not uniform in the longitudinal direction of the optical fibers (4). Moreover, the Young's modulus of resin constituting the coupling part (19) is preferably 130 MPa or less, and more preferably 80 MPa or less.

[Fig. 2A]