

ABSTRACT

Along with the development of technology in the telecommunications sector, today many companies in the telecommunications sector are starting to use fiber optic technology to provide the best, easy and fast service for the public apart from the increasingly fierce competition. Telecommunication networks using fiber optic transmission media have indeed become an option to create internet services with good quality. But on the other hand, this fiber optic transmission media still has shortcomings that need to be considered, including attenuation which can affect the quality of the optical fiber itself, for that it is necessary to have quality control for any development or improvement in fiber optic telecommunication networks.

Keywords: Optical fiber, telecommunication networks, services, quality control