
ABSTRACT

Wifi.id is a service to be able to connect to the internet network and using fiber optic cable for a transmission and on fiber optic there is attenuation that causes noise which became a bottleneck in the telecommunications. For minimization of the value of attenuation is not ideal which is done first how do I measure the value of a atenuation, to measure the value of a atenuation should need a tool is called OPM (optical power meters) to find out the value of atenuation, OPM (optical power meters) is connected to the connector located at the OTP (Optical Termination Premises) or at in ODP (Optical Distribution Point). After knowing the value of the atenuation and minimization will be done then if its not ideal of the value of atenuation, Process of minimization done by following all the procedures that are already in the set as the selection of connectors or splicing should match with what has been recommended so as to minimization effect of the occurrence of little mistakes of a atenuation. In that case, the situation is often of value a atenuation there is no ideal where the value of a atenuation is set at 30 dB up to 38 dB. Please note that PT Telkom Witel Terrain set the value of an atenuation was at 18 dB up to 28 dB outside of it then is not considered ideal. After its done it will be minimized in the process of getting the ideal of a atenuation because the value of atenuation obtained is in the range of 18 dB up to 28 dB. So, the performance of the network on the wifi.id can run at maximum.

Keywords- *Atenuation, Wifi.id, Fiber Opti*