ABSTRACT

OAN (Optical Access Network) is a system that use at PT Telkom for sending integrated service in optical access network platform. In the implementation, OAN that already used didn't know the optimal for high speed internet service. Optimalization that already did by PT Telkom only at jarlokat using technology ADSL implementation, and the name of the product is Speedy Broadband Access. For support the high speed internet service on existing optical access network needed Remote DSLAM that put in the side of Remote Terminal (near RK).

Remote DSLAM is one of DSLAM type depend the capacity. Smaller size and can use AC/DC voltage are the things that make it efficient and can be placed in outdoor/field.

In this final project will make connection between Remote DSLAM and OAN for support the speedy service, then set-up the Remote DSLAM, also calculate demand ADSL card for user that being speedy demand target in OAN network.

Key word : OAN, Remote DSLAM, SPEEDY