

ABSTRACT

With high rate increasingly of communications necessary for telecommunication user, and manner of existing telecommunication kind then construct new telecommunication peripheral, able to meet a demand of people in this case of voices and also data communication. In this moment Telkom as a biggest telecommunication vendor in Indonesia, supply new service namely speedy.

Description of speedy is services of internet access with high speed use of ADSL (Asymmetric Digital Subscriber Line) technology. With this service, ability access network telephone user increase become high-speed digital network, besides obtain voice facilities, user can carry out access internet with high-speed(downstream).

In ADSL network be found DSLAM peripheral at the central side which functions as receive a signal from ADSL subscriber and pass by the signal in the backbone canal with high speed using multiplexing technic. Planning of DSLAM indispensable because of demand of the ADSL technology in this time and also in the future.