

ABSTRACT

The existing of copper access network needs special attention, so it can be used to fulfill multimedia services with high speed access. One of technology which can realize the mentioned is x-DSL technology (x represent the variant of Digital Subscriber Line).

ADSL (Asymmetric Digital Subscriber Line) is access technology which can be used for data communications, voice, and video concurrently through telephony network. PT Telkom as the provider service of ADSL has new service which named with Speedy.

Telkom Kandatel Malang has applying ADSL technology with brand Speedy at July 2006 and launched at august 2006. Before it applied, Telkom Kandatel Malang has conducted survey to know the response customers of internet to applying Speedy service. So that needed a study and evaluation to customers existing Jarlokat Telkom Kandatel Malang, do have as according to standart which recommended by PT Telkom.

In the reality from 10 RK taken as sample from the measurement result of electrical parameter, only 7 RK (70%) from totalizing sample which have fulfilled the standart recommended by PT Telkom and deserve for the applying of Speedy service. The rest 3 RK (30%) from totalizing sample does not fulfilled the standart recommended by PT Telkom and it is not deserve for the applying of Speedy service.

As for hitting network dimension (port capacities of DSLAM) only can fulfill requirement request of Speedy service until 2010. So that to be able to overcome requirement request of Speedy service until 2011 hence required by adding port of DSLAM.

Keywords : ADSL, Evaluation, Jarlokat, Applying, Speedy.