

ABSTRACT

Demand would requirement of telecommunications progressively increase along with growth of life of public. Technological of internet is one of very telecommunications technology forms popular in public in this time. Therefore, PT TELKOM have launched new product so called Speedy. This product enable customer for using the application of high bandwidth internet with changing ordinary telephone channel become digital channel high speed because this Speedy base on access technology ADSL.

Speedy is internet access service by high-speed apply technology ADSL (Asymmetric Digital Subscriber Line). With this service, customer telephone access network improved by the ability become high-speed digital network, so that besides getting telephone facility (voice), customer also can do internet access (dedicated) with speed (downstream) high (to 512 Kbps).

To send the service to customer required by access network. There are some kinds of access network, that is: copper access network, radio access network and fibre optics access network. But in this time applied by PT. TELKOM is local network accessed copper. While, condition of existing copper cable network have ability channel limited frequency bandwidth. Meanwhile, network capacity of very big copper cable. Therefore, at this end duty will be done by analysis and measurement to copper cable parameter as transmission media Speedy so that knowable the eligibility for the application of this service. After measurement process will do scheme for getting correct network configuration.

STTTTELKOM