

## ABSTRACTION

Technology of internet in this time have become a technology and network communications of most popular data. All consumer of internet wish capacities transfer data of larger ones in order to can use application of internet like Video of On Demand, Music Streaming, other Teleconference service And needing bandwidth larger ones,

There fore have been found technology x-DSL (*x-Digital Subscriber Line*) which can exploit network of cable there , where PT.TELKOM as biggest network provider in Indonesia have network of cable as media access its ADSL (*Digital Asymetric Subscriber Line*) representing clump from technology of x-DSL used for transformation channel of ordinary telephone become high-speed digital channel to video communications, voice and data.

Analysis conducted aim to know until where technological exploiting of modem ADSL of service access internet owned by PT.TELKOM, in technological use of SPEEDY, countediy is sub-kanal, sum up data of frame of per second and pursuant to measurement of speed conducted at some customer of Telkom CCAN Kalibata.

Data used represent data of sekunder supporting good final project pursuant to literature which the writer get melalui book, discussing with people who understand will be technological of ADSL . End result from the analysis in the form of efficient conclusion or is not technological the modem ADSL.

**Keyword :** *Digital Subscriber Line, Bandwith, Digital Asymetric Subscriber Line.frame*