

## ABSTRACT

Broadband technology makes us possible to access internet, TV cable, video etc. only with one network access. Interested ? Imagine, You are a busy professional and mobile. Walk of life felt so easy. You'll easier to access high-speed service internet in every place. You can play in web by leaps and by bounds, even you can watch traffic or see film in ponsel screen.

One of service broadband which a lot of used in this time is ADSL or DSL. ADSL come from Asynchronous Digital Subscriber Line. Asynchronous mean speed of send and accept data. In Indonesia, service of broadband ADSL have been made available. Telkom, for example, providing service access high-speed base on ADSL what is called Speedy. This broadband service enable data communications, voice and video concurrently at network media access copper cable ( line phone).The mentioned because of physical network which at first only able to overcome data of equal to 56 Kbps ( according the modem ability), but with this existence speedy,data with speed 512 Kbps have supported. Technically,this speedy in fact able to support data more than 2 Mbps.

At this final duty, will analyse the parametere of copper cable and performance of speedy service based on technology ADSL. It'll also gives some solution for problems of arising out from speedy service which have aplicated at Kandatel Jakarta Timur.

Key Word :

ISP , Splitter,LAN, ADSL,POTS,DMT.