

ABSTRACT

ADSL (Asymetric Digital Subscriber line) Technology is one of digital transmission technology, that use difference bite rate between downstream and upstream at transimition copper cable media (pair cable).

Bit rate range is used at downstream direction begins from 1,536 Mbps until 8 Mbps, and the upstream direction is up to 1,536 Mbps.

By using high enough data bite transmission it is posible for ADSL technology to be carried service wide band for implementation copper access network can be use, so ADSL technology can be used as alternative services wide band, beside local access fiber or radio acces network.

In order that ADSL equipment can work optimum, copper cabble is needed to conform standar technique, other that ADSL flank switching at user or central node.

To implemented the ADSL technology at Kancatel Purwakarta, it is needed to evaluate the present copper access by measuring the cable parameter to examine, so we can conclude it Jarlokat can be used as ADSL transimition media.