

ABSTRACT

The highly demand of communication, made kind of information not only voice, but there are picture and video that are need more bandwidth to carried it. ADSL2+ is one of DSL kind which has 800Kbps upstream ang 16Mbps downstream of broadband. Its services are can be voice, picture and video.

On this final project purpose to analize jarlokat which good to ADSL2+ implementation at STO Rajawali by measurement ADSL2+ parameters. ADSL2+ parameters are electrical parameters (continuity, line attenuation, loop resistance, isulation resistance and S/N) and threshold parameters (volt, attenuation and capacitancy). From results of measurement and analize, electrical parameters are good to ADSL2+ implementation, but threshold parameters are not. All of the results can be reason that jarlokat in STO Rajawali is not good to ADSL2+ implementation. To cope, modernitation and rehabilitation can solve it but the length of cable have to on PT.Telkom cable length standart. So, the ADSL2+ technology like video conference, internet high speed and iptv can be enjoyed by members without complaint.