

ABSTRACT

In the future one big sector that will dominant are telecommunication business, this sector is a service to multimedia's field where requiring wide bandwidth, among of service are internet, internet temporary solution can be applied with ADSL technology access . This access is a development method in copper cable bandwidth that a lot of used and expected applied in STO Cijawura.

However above makes good constraint of technical conditions and also the electric parameter applying ADSL system in STO Cijawura, to overcome that condition needed an proper test from the existing network, so that the ADSL system competent to applied.

Base on the result from the proper test that continuity of all network are measured well, loop resistance for 0,6 cable and 0,8 cable are standard, but for 0,4 cable are less than electrical standard, insulation resistance for all cable diameter are in electrical standard, for all network attenuation measured well, NEXT and FEXT cross talk measurement are less than specified standard for ADSL system. While BER have fulfilled standard for applying ADSL system. And that statement shown copper access network performance in STO Cijawura to make consideration for applying ADSL system.