

ABSTRACTION

The developing of technology and telecommunication network in globalization are showing the fast advance. In global competition, PT.Telkom try to improve the service of quality, which is more flexibility and complete from all of technology to the telecommunication users.

PT.Telkom Catel Kepanjen, Kandatel Malang show that work too. With the appointed of a program, PT.Telkom try to press a minimum Q factor of interference under the valid standartitation, that is $< 0,5$ interference / 100sst / month.

From the result of observation, interference in the network system cause the big contribution to the Q factor. Network that meant is a network which is connected Distribution Point (DP) with Limit Termination Box (KTB) by use Drop Wire(DW). With the simple spesification in technique side and construction side, Drop Wire very eazy to occur a lot of interference kinds, such as short circuit, afleding, and isolated.

To anticipation the interference that happen in network, they need some ways to evaluation the kinds and the factor that happened. So we can determine the maintenance, like a preventive maintenance and corrective maintenance.