

## ABSTRACT

Telecommunications have taking many important role in aspect life of individual goodness and also business at industrial century like this time. This situation result service activities demand of good telecommunications and quickly specially to side of PT.TELKOM to all it customer. To fulfill that demand, required by telecommunications network ably and high mainstay. Technology of DWDM represent one of the so much from network, functioning to increase required channel in this time.

In technology of DWDM, by measurement peripheral of multiplex as a mean to efficiency and water down in course of transmission and also can determine cause of trouble and determine solution to lessen trouble that happened. for the analysis of transmission line use method, that is using literature study, research into and also see peripheral directly

Keyword :Dense Wavelength Division Multiplexing, Network Management System