

ABSTRACT

Existing Fiber Optic a lot of its type, but Fiber Optic which is a lot of used at network Public Switching Telephone Network that is Fiber Optic Single Mode of As well as as especial Network or Backbone of a lot of using Fiber Optic Single Mode.

This Use Fiber Optic Single Mode Analysis use parameter covering core, loss, standard splicing, and damping, besides that parameter also at this Analysis there are some supporter Peripheral used in Transmission Channel of at Internode Slipi-Kota2 as especial Transport for network Public Switching Telephone Network is SDH Fujitsu and SDH Lucent. The Peripheral own assorted of type that is SDH Fujitsu consisted of : STM 1 Fujitsu (FLX 150 T), STM 4 Fujitsu (FLX A 600),STM 16 Fujitsu (FLX 2500). While for SDH Lucent consisted of : Wavestar (STM 16), Lambda Unite (STM 64).

For that result of from Use Fiber Optic Single Mode Analysis in Transmission Channel at this Internode Slipi-Kota2 serve the purpose of the link and forwarding of Information Suara,Data,Dan Draw because having excellence is by self compared to by other type Fiber Optic. Beside that the ability which can be used for the Long Distance, instruct its spreadth is one way, Fiber Optic of this type of also hold out its use from since early hitherto.

Keyword : Fiber Optic, Core, Loss, Splicing.