

## Pengaruh Shielding Logam Kabel Serat Optik terhadap Kuat Medan Listrik yang ditimbulkan oleh Saluran Transmisi Tenaga Listrik

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### Abstrak

*On transmission line towers can be installed fiber optic cables for control of power supplies and data communication. To avoid the damages of fiber optic cables cause of the effect of climate and environment, the shielding that used on fiber optic cables was made of metal. With using this shielding, the electric field that produced from transmission line will be ejected. With this shielding; the electric field that produced from transmission line will be higher or lower. Therefore, we must know the effect of using the fiber optic cables shielding to the electric field that produced from transmission line that installed fiber optic cables. This is useful to determining the free zone from the transmission line.*