

# **INSTALING OF GROUND CABLE FROM CAWANG SUBSTATION TO DISTRIBUTION STATION K210**

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## **ABSTRACT**

Ground cabling technique consists of direct planting cable, cable using duct or cable with a cross, but in this final project used direct planting because the needs of the field that is suitable to use is a direct land planting cable. The ground cable used at the time of installation is Three core NA2XSEYBY type 3 x 240. The use of this type of cable is expected for every 3 phase channel at normal temperature 30 °C. Partial discharge test results are at level 1 with the measurement value below 1, the leakage current test results are also good that is only 0.03 mA and the results of insulation resistance test results of different isolation resistance values is not a problem because the greater the insulation resistance at a cable then the better is also the quality of cable that has been done termination. From the test results can be said that the cable is installed to follow each process well so that the cable can be said to be feasible operation.

Keywords: ground cables, mounting, testing.