Close and Return

A.6.1 Câbles étanches longitudinalement

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A.6.1 Longitudinally water resistant cables.

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ABSTRACT

It has long been established that extruded dielectric cables can deteriorate more rapidly under ac voltage stress when moisture is present in the insulation. Water can gain ingress in a URD cable structure during manufacture, installation, operation, etc. This paper will review state-of-the-art, SUPERDRI™, medium voltage longitudinally water blocked URD cable designs currently under production and the most typical test results. The basic design concept includes filled conductor, extruded polymeric insulation system, and a combination of metallic shield with a longitudinal moisture barrier and jacket.