

The invention relates to cable technique. A power cable consists of a metal conductor and insulation made as simultaneously deposited on the conductor by means of extrusion method an inner layer of conductive polymeric material, a layer of vulcanized polyethylene with high insulation properties and an outer layer of conductive polymeric material, above insulation a layer of non-metal conductive fabric or a layer of conductive water-swellable film and polymeric sheath made, for example, of polyvinyl-chloride plasticate, polyethylene or polyvinyl-chloride plasticate of low combustibility or low smoke emission are laid. The conductor is made compressed. Cable possesses high fire, water and mechanical damages protection.