

The proposed electric cable can be used in electric power transmission and distribution systems. According to the first variant, the cable contains a single-wire or multiwire aluminium central conductor with polyvinylchloride insulation, an external multiwire aluminium conductor, which is wound onto the central conductor, and a protecting sheath. The cable may be designed as a cable with or without a carrying steel wire. According to the second variant, the cable contains a single-wire steel central conductor. According to the third variant, the external conductor of the cable contains alternately arranged steel and aluminium wires that are wound onto the central conductor. The design of the proposed cable provides the possibility to reduce the resistance of the external conductor as well as consumption of aluminium and working hours in manufacturing the cable.