

The invention relates to electric engineering, in particular to cable engineering. A fire-proof power cable consists of twisted insulated conductors wound with polymer film, a screen made from copper bands and inside sheath. Moreover, the cable includes in the screen a layer of copper spirally laid wires, inside sheath laid according the extrusion method with compression. The cable is not lose running ability at temperature 700 °C during 90...180 minutes and intended for industrial electricity supply networks including nuclear power plants out of a containment.