Power Cables, Electrical Power & Industrial Cable, Electrical Wire, PVC Wire and Cables Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasib

Description:

Electrical power cables used for transmissionand distribution purposes consist of conductors stranded from plain highconductively annealed copper wires insulated with oil impregnated paper tapes. Undergroundconstruction is necessitated in the more density built up portions of cities bythe heavy transformers and lines required and by the multiplication of serviceconnections to buildings. The cable may include uninsulated conductors used forthe circuit neutral or for ground (earth) connection.

Power cables are primarily used for overheadlines and underground cabling applications and can be broadly classified intothree categories based on their operating voltage applications. The prospectsfor growth in this market will be impelled by the rising demand forhigh-temperature, superconducting cables from the power utility sector. Asuperconducting high-power transmission and distribution cable is capable of transmittingand distributing about 5-10 times the electrical current carried by aconventional copper or aluminum cable.

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