

Entrepreneur India

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Optical Fiber Cable

Capacity:	1000000 Kmtrs./Annum
Plant and machinery cost:	1411.00 Lakh
Working Capital:	0.00 Lakh
Rate of return(ROR):	32.00 %
Break Even Point (BEP):	42.00 %
TCI:	0.00 Lakh
Cost of Project:	8342.00 Lakh

An optical fiber (or fiber) is a glass or plastic fiber that carries light along its length. Fiber optics is the overlap of applied science and engineering concerned with the design and application of optical fibers. Optical fibers are widely used in fiber-optic communications, which permits transmission over longer distances and at higher bandwidths (data rates) than other forms of communications. Cabling is the process of packaging optical fibers in a cable structure for handling and protection.

India optical fiber cables (OFC) market is projected to grow at a CAGR of 17% through 2023. Growth in the market is majorly expected to be backed by rising investments in OFC network infrastructure by the Indian government to increase internet penetration across the country. The OFC market in India is projected to reach USD424 million by 2020 on account of growing adoption of smart phones, broadband services and upcoming 4G rollout. Thus, due to demand it is best to invest in this project.

Few Indian major players are as under

- AkshOptifibre Ltd.
- Aksh Technologies Ltd.
- Apar Industries Ltd.
- Birla Cable Ltd.
- H T L Ltd.
- Himalaya Communications Ltd.

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.

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