

# Optical Fiber Cable (OFC) Manufacturing Industry

## Description:

### **Optical Fiber Cable (OFC) Manufacturing Industry. Production of Fiber Optic Cables. How to Start Your Own Cable Manufacturing Business**

An optical fiber cable is a type of cable that has a number of optical fibers bundled together, which are normally covered in their individual protective plastic covers. Optical cables are used to transfer digital data signals in the form of light up to distances of hundreds of miles with higher throughput rates than those achievable via electrical communication cables. All optical fibers use a core of hair-like transparent silicon covered with less refractive indexed cladding to avoid light leakage to the surroundings.

## **Uses of Fiber Optic Cables:**

Fiber optic cables find many uses in a wide variety of industries and applications. Some uses of fiber optic cables are described below:

### **•Medical**

It is used as light guides, imaging tools and also as lasers for surgeries.

### **•Defense/Government**

It is used as hydrophones for seismic and sonar purposes, as wiring in aircraft, submarines and other vehicles and as well as for field networking.

### **•Data Storage**

It can be used for data transmission.

### **•Telecommunications**

Fiber is laid and used for transmitting and receiving purposes.

**For more details download PDF file.**

**Keywords:** Manufacturing of Optical Fiber, Optical Fibre Manufacturing Process, Optical Fiber Cable, Making of Optical Fiber Cables, How are Optical Fibers Made? Manufacture of Optical Fibers, Optical Fiber Cable Manufacturing Process Pdf, Optical Fibre Cable Manufacturing Process PPT, Optical Fiber Cable Manufacturing, Optical Fiber Manufacturing Process, Optical Fiber Cable Manufacturing Cost, Fiber Optic Cable, Fiber Optic Cable Manufacturing Plant, Optical Fiber Cable Manufacture, OFC Manufacture, Fibe

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