

What are the patents for optical cable protection





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Cable reinforcement for an optical fiber cable

This invention relates to fiber optic cables and the structure for reinforcing the tensile and compressive strength characteristics of the optical fibers contained within the fiber optic cables. Specifically, the

How to Protect Fiber Optic Cables - A Beginner's Guide

Fiber optic cables are widely used in modern optical networks, and knowing how to protect fiber optic cables is a basic but often overlooked part of daily operation. They connect optical



Cable protector systems and methods relating thereto

Cables can extend across flooring surfaces in office environments, public spaces, conference facilities, construction sites, and the like. Numerous devices and methods have been developed in an attempt

U.S. Patent Application for OPTICAL FIBER CABLE Patent

In addition, when the number of the drop optical cables is the same, the diameter of the present optical fiber cable can be made smaller than that of the optical cable in which the drop optical

Optical fiber cable patented technology retrieval search results



A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable, but containing one or more optical fibers that are used to carry light.

US8805142B2

Industry standards address generic mechanical and optical performance requirements for fiber optic cables to ensure attenuation losses are within acceptable ranges. One such standard is the

Optical Fiber Patents (Class 398/20)

Abstract: Disclosed are an APR protection method and device, and a computer storage medium. A preamplifier PA of each of two optical amplifier units at two ends of a transmission line is connected



US20140003775A1

By protecting the optical fibers from movement stress, impact to the integrity the optical fibers may be reduced relative to conventional optical cable solutions.

US9400362B2

G PHYSICS G02 OPTICS G02B OPTICAL ELEMENTS, SYSTEMS OR APPARATUS G02B6/00
Light guides; Structural details of arrangements comprising light guides and other optical elements, e.g.

PLUG PROTECTION CAP AND OPTICAL FIBER CONNECTOR



There is also disclosed a pre-connectorized fiber optic cable comprising a fiber optic cable and the optical fiber connector assembly mounted upon an end portion of the fiber optic cable. US5845029A

OPTICAL CABLE

An optical cable has a large bandwidth and is heavy and bulky compared to an existing copper cable and thus is very advantageous to build an ultra-high-speed transmission network.

WO2017177875A1

An optical fibre bundle, an optical cable, and a manufacturing method for an optical fibre bundle, wherein an optical fibre bundle (30) comprises: a plurality of optical fibres (21) bundled and arranged



Fiber optic cable thermal protection device and method

U.S. Patent Application US20060045440A1 for a thermal protection device for a fiber optic cable includes a loop formed on the cable and a plurality of sub-units within the cable removed from an

BRPI0913666B1

PROTECTED FIBER OPTICS, TELECOMMUNICATIONS CABLE, AND METHOD FOR MANUFACTURING PROTECTED FIBER OPTICS The present invention relates to the field of

OPTICAL CABLE

OPTICAL CABLE - Patent 4325265 In each of the optical units, a plurality of optical fibers



are accommodated in a tubular member. The plurality of optical fibers may be

PLUG PROTECTION CAP AND OPTICAL FIBER CONNECTOR

The fiber optic receptacle and plug assembly includes a receptacle adapted to be mounted within a wall of an enclosure and a plug mounted upon a fiber optic cable.

WO2021128211A1

For this reason, domestic and foreign optical fiber and cable manufacturers have launched the design and development of high-temperature resistant optical fibers.



Top 100 Key Players companies in Optical fiber cable by Most Patent

The Optical fiber cable top 100 is Discovery PatSnap' annual ranking of the top 100 Most Patent Filings Optical fiber cable Key Players in the world. Discovery has identified the top key players, startups &

U.S. Patent Application for OPTICAL FIBER CABLE Patent

When providing optical fibers to a subscriber's residence or a building, it is necessary to connect an optical fiber cable in which a plurality of optical fibers are assembled and a drop optical

Optical fiber patented technology retrieval search results



This page includes the patent name, patent number, legal status, invention/applicant, technical efficacy and accompanying drawings of Optical fiber-related invention patents and utility model patents,

Optical Fiber Patents (Class 359/341.1)

Various example embodiments for supporting distributed fiber optic sensing via a fiber optic cable may be configured to support distributed fiber optic sensing based on interrogation of an optical fiber of

Fiber-optic cable and method of manufacture

Referring again to FIGS. 2 and 3, fiber-optic cable 50 incorporates outer layers for further protection of the optical fibers. Specifically, the cable 50 includes a strength member, or strength layer 68, that



EP3796060A4

G02B6/44 Mechanical structures for providing tensile strength and external protection for fibres, e.g. optical transmission cables G02B6/4401 Optical cables G02B6/4429 Means specially adapted for

OPGW Cable With 24 Single Mode Optical Fibers

OPGW Cable With 24 Single Mode Optical Fibers offered by China manufacturer Zion Communication, High-quality OPGW cable with 24 optical fibers, aluminum

Overhead optical transmission system, employs cable with insulating

Overhead optical transmission system, employs cable with insulating protective sheath in



long length between towers used to support electrical power cable. (Patent No. WO9323779-A; EP639280-A;

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