

# Fire-resistant optical cable patent

The optical fiber is of an all-dielectric structural design, so that lightning-proof and fireproof effects are obvious, wherein lightning-induced accidents may be avoided when the cable is directly laid indoors ...

The Applicant has thus faced the problem of providing fire resistant cables comprising ceramifiable compositions which upon exposure to fire are transformed into uniform and coherent solid ceramic ...

More particularly, the present invention relates to a fire resistant optical cable which is able to resist to fire and to maintain its optical transmissive properties during and after the...

In particular, the present disclosure relates to a fire-resistant optical fibre cable having a high fibre count and extended fire resistivity up to 180 minutes.

S. STUEFLOTTEN ET AL: "Development and testing of a fire-resistant optical cable", JOURNAL OF LIGHTWAVE TECHNOLOGY, vol. 4, no. 8, 1 August 1986 (1986-08-01), USA, pages 1173 - 1177, ...

More particularly, the present invention relates to a fire resistant optical cable which is able to resist to fire and to maintain its optical transmissive properties during and after the fire occurrence for a ...

The Applicant has also faced the problem of providing a fibre optic cable with high fibre count (i.e. housing more than seventy-two optical fibres) capable of maintaining its performance not only during ...

The present disclosure relates to the field of optical cables suitable for operating during a fire and thereafter. In particular, the present disclosure relates to a fire-resistant ...



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