

# CABLE



## About Us

Prysmian is a global market leader in optical cables, supplying a major part of the world's optical cable needs. With a strong heritage of highly advanced R&D, Prysmian is at the leading edge of the technology.

Prysmian has a worldwide telecom manufacturing presence in 12 countries and 4 continents. This global expertise and local manufacturing capacity make Prysmian a significant force in the international marketplace, assuring continuity of supply and high levels of service.

Prysmian's optical technology encompasses optical fibres, cables, connectivity, projects and services ensuring that not only the right cable but the right total optical communication system is matched to our customers' needs.

Prysmian offers a complete service from design, development and manufacture through to technical support of commissioned cable networks. Planning and logistics are the cornerstone of our operation, with quality maintained through the expertise and dedication of all our staff working across the business to ISO 9001 and 14000 standards.

When a project is in Prysmian's hands, our customers can depend on a total quality service.

## Afumex™



- > Zero halogen cables
- > Very low emission of dense smoke
- > Non fire propagating
- > Ecologically sound cable



**Recommended for FTTx**

Specifications are subject to change without notice. Cable are designed and tested according to the main national and international specifications (IEC specifications).

dega design group

2008

2008

**Prysmian Cables and Systems**

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[www.prysmian.com](http://www.prysmian.com)



# CABLE

## Afumex™

### The Safe Choice

Prysmian offers a full range of optical cables from 1 to 864 fibres, to be installed in areas where there is a risk to the safety of people or electronic devices from the effects of fire.

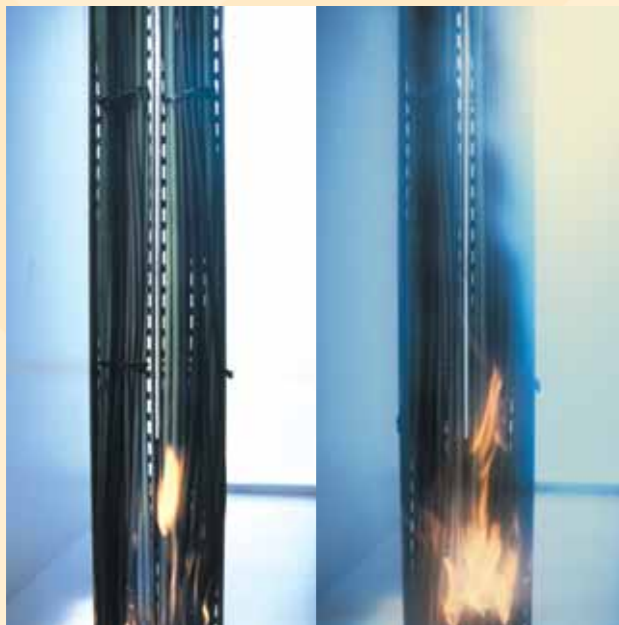
For underground railways, airports, hotels etc., where a large number of people congregate, and for telephone exchanges, control rooms etc., where critical electronic equipment is installed, Prysmian has developed an effective solution with a new concept of safety: Afumex™ Optical Cables.

In the event of a fire, while cables rarely prove to be the cause, they can be a vehicle for flame propagation, generating smoke, corrosive and toxic fumes.

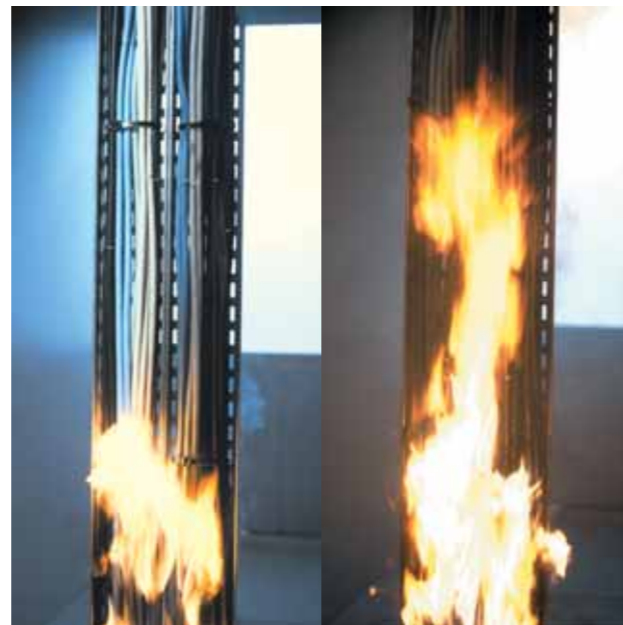
Afumex™ Optical Cables provide the necessary level of safety by avoiding fumes and toxic gas emissions that can induce panic, and by limiting the spread of fire.

Afumex™ finally gives a technologically and ecologically sound answer to the problem of emissions.

**Afumex™. The Safe Choice.**



Test on Afumex™



Test on conventional cables

**Doubts on the safest choice?**



#### FIBRE TO THE HOME

Fibre count	Outside diameter (mm)	Cable weight (kg/km)
2 - 4	2.0 - 3.1	2.6 - 9

#### DESKWAVE™ TIGHT BUFFERED

Fibre count	Outside diameter (mm)	Cable weight (kg/km)
1 - 12	2.5 - 8	7 - 70

#### UNITUBE (DIELECTRIC OR ARMoured)

Fibre count	Outside diameter (mm)	Cable weight (kg/km)
2 - 12	8.5 - 10	60 - 125

#### MULTI LOOSE TUBE (DIELECTRIC OR ARMoured)

Fibre count	Outside diameter (mm)	Cable weight (kg/km)
12 - 288	16.5 - 23	200 - 450

#### RAPIER™ (DIELECTRIC OR ARMoured)

Fibre count	Outside diameter (mm)	Cable weight (kg/km)
48 - 144	13.2 - 18.2	150 - 310

#### FUSIONLINK™ RIBBON IN CENTRAL LOOSE TUBE (DIELECTRIC OR ARMoured)

Fibre count	Outside diameter (mm)	Cable weight (kg/km)
96 - 216	15 - 19	230 - 340

#### MASSLINK™ RIBBON IN LOOSE TUBE (DIELECTRIC OR ARMoured)

Fibre count	Outside diameter (mm)	Cable weight (kg/km)
216 - 864	22 - 28.5	310 - 600

#### RIBBON IN SLOTTED CORE (DIELECTRIC OR ARMoured)

Fibre count	Outside diameter (mm)	Cable weight (kg/km)
4 - 200	10 - 22	120 - 450

Many different construction options are available upon specific customer requirements.

**Any questions? Our team of experienced technical staff is ready to talk to you. See contact details.**