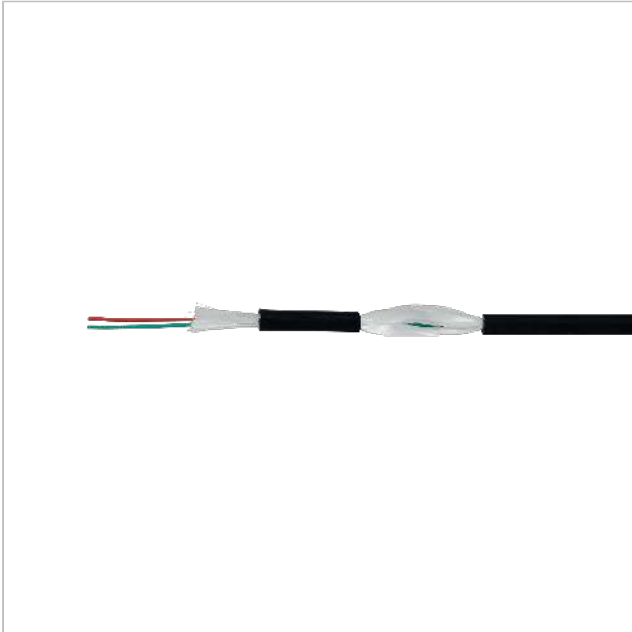




## FK2 fiber Cable Single-Mode 2 fibers, Dca Euroclass and LSFH, outdoor, with rodent protection

2-fiber cable with UV-resistant LSFH sheath for outdoor installation. Each fiber has its own individual LSFH sheath and is identified with a specific colour. This provides a better organization and makes identification easier.

It features a rodent-resistant finish using fiberglass yarns integrated into the sheath, which act as a deterrent by being uncomfortable for rodents, preventing them from continuing to bite the cable without damaging the fiber. This protection method offers the following advantages compared to metallic protections:

- As it is a non-metallic material, it does not rust, providing greater resistance to degradation caused by corrosion.
- It is a dielectric protection, preventing the transmission of electrical energy through it and thus avoiding the issues associated with it.
- It is a lighter material, significantly reducing weight during transport and installation.

In addition, unlike chemical rodent protection, in case of fire it does not produce any type of smoke. These fiberglass yarns also act as structural reinforcement, providing high tensile strength during installation work.

|                     |               |
|---------------------|---------------|
| <b>Ref.</b>         | 232005        |
| <b>Logical ref.</b> | OSK2A-3000    |
| <b>EAN13</b>        | 8424450252185 |

## Other features

|               |         |
|---------------|---------|
| <b>Colour</b> | Black   |
| <b>Length</b> | 3.00 km |

## Packaging info

|             |        |
|-------------|--------|
| <b>Reel</b> | 3000 m |
|-------------|--------|

## Physical data

|                            |             |
|----------------------------|-------------|
| <b>Net weight</b>          | 23.00 g     |
| <b>Gross volume</b>        | 0.06 dm³    |
| <b>Gross weight</b>        | 24.00 g     |
| <b>Width</b>               | 5.00 mm     |
| <b>Height</b>              | 1,000.00 mm |
| <b>Depth</b>               | 5.00 mm     |
| <b>Main product weight</b> | 23.00 g     |

## Highlights

- Dca-s2,d0,a1 Euroclass
- Rodent protection fibres, to prevent damage to the optical fibres caused by rodent attack
- Good structure reinforcement using fiberglass, which allows to maintain its traction without the need for a central guiding wire for resistance
- Low attenuation
- 9/125, ITU-T G.657.A2 fiber type
- Coating diameter adapted to the fiber: 900 µm
- LSFH sheath, UV-resistant, black colour

## Technical specifications : Ref. 232005

|                                   |       |                              |
|-----------------------------------|-------|------------------------------|
| Euroclass                         |       | Dca                          |
| Euroclass: Smoke Production       |       | s2                           |
| Euroclass: Flaming droplets       |       | d0                           |
| Euroclass: Acidity                |       | a1                           |
| Fiber core type                   |       | Single-mode (ITU-T-G.657.A2) |
| Fiber core diameter               | µm    | 9                            |
| Fiber cladding diameter           | µm    | 125                          |
| Coating buffer diameter           | µm    | 250                          |
| Cable structure                   |       | Tight buffer                 |
| Plastic buffer diameter           | in    | 0.035                        |
| Outer sheath Diameter             | in    | 0.189                        |
| Outer sheath Material             |       | LSFH, UV-resistant           |
| Blocking jelly                    |       | No                           |
| Optical fiber attenuation: 1310nm | dB/km | < 0,4                        |
| Optical fiber attenuation: 1490nm | dB/km | < 0,4                        |
| Optical fiber attenuation: 1550nm | dB/km | < 0,3                        |
| Short tension                     | N     | 1200                         |
| Structure reinforcement element   |       | Glass Yarns                  |
| Rodent protection                 |       | Glass Yarns                  |
| Short crush (@100mm)              | N     | 1000                         |
| Minimum bending radius            | in    | 1.89                         |
| Operating temperature             | °F    | -4 ... 158                   |