

Code: ULT-FC.E-2SM

## FIBER OPTIC CABLE **ULT-FC.E-2SM**

Net: **0.18 EUR** Gross: **0.18 EUR**

The ULT-FC.E-2SM is an universal fiber optic cable for indoor and outdoor applications.

The cable contains single-mode fibers in the G.657A2 standard with a diameter of 250 µm. The fibers are made in accordance with EN 50267-2-2, EN50268-2 and ISO 4892/2 standards.



### SPECIFICATION

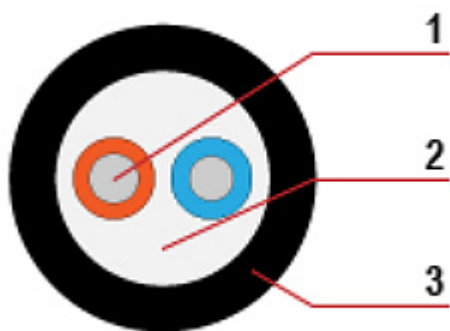
|                           |                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fiber type:               | Single-mode, G.657A2, 9/125 µm, CORNING                                                                                                                                                                                                                                                                                             |
| Number of fibers:         | 2 pcs                                                                                                                                                                                                                                                                                                                               |
| Cable diameter:           | 3 mm                                                                                                                                                                                                                                                                                                                                |
| Cable weight:             | 8.5 kg / 1000 m                                                                                                                                                                                                                                                                                                                     |
| Fiber insertion loss:     | < 0.36 dB/km for 1310 nm<br>< 0.22 dB/km for 1550 nm                                                                                                                                                                                                                                                                                |
| Buffer diameter:          | 250 µm                                                                                                                                                                                                                                                                                                                              |
| Crush resistance:         | 500 N / 100 mm                                                                                                                                                                                                                                                                                                                      |
| Minimal bend radius:      | • 20 x outer diameter (during installation)<br>• 10 x outer diameter (after installation)                                                                                                                                                                                                                                           |
| Main features:            | • Very convenient to install<br>• the LSZH (or LSOH) jacket - zero halogen, flame retardant and low smoke<br>• Due to the reinforcement of aramid fibers, the cable has a high resistance to tension: 800 N<br>• Water resistance - 3m water column for 24h<br>• Class CPR: Eca                                                     |
| Application:              | • due to the small size and flexibility, the cables are ideal for installation in cable ducts<br>• it is used in modern FTTH and FTTB systems, in server rooms, between buildings installations<br>• universal fiber optic cables intended for horizontal connections in buildings and outside buildings in secondary sewage system |
| Operation temp:           | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                    |
| Installation temperature: | -10 °C ... 60 °C                                                                                                                                                                                                                                                                                                                    |
| Supported norms:          | • EN 50267-2-2<br>• EN 50268-2<br>• ISO 4892/2                                                                                                                                                                                                                                                                                      |
| Guarantee:                | 2 years                                                                                                                                                                                                                                                                                                                             |

### PRESENTATION

Cross-section of a cable:



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1. Single-mode fibers G.657A
2. Aramid yarn
3. LS0H UV-resistant outer shell

#### PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|

