

Code: ULT-2SM-IN

## OPTICAL FIBER **ULT-2SM-IN**

Net: **0.14 EUR** Gross: **0.17 EUR**

The ULT-2SM-IN fiber optic cable is a double fiber optic cable for indoor applications.

The single-mode fibers used in the cable are ITU-T G.657A1, in 250 µm tight buffers.



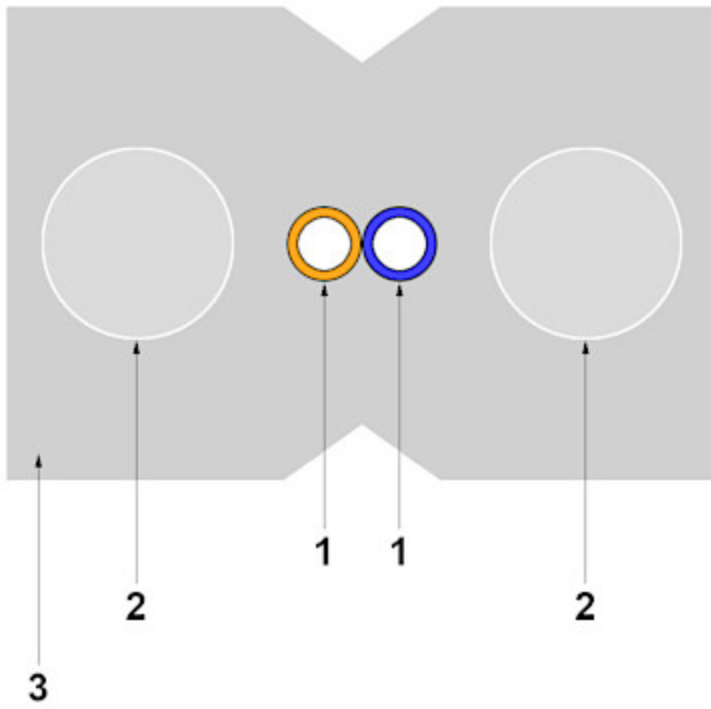
### SPECIFICATION

Fiber type:	Single-mode, ITU-T G.657A1, SUMITOMO
Number of fibers:	2 pcs
Cable dimensions:	3 x 2 mm
Cable weight:	9 kg / 1000 m
Fiber insertion loss:	< 0.35 dB/km for 1310 nm < 0.2 dB/km for 1550 nm
Buffer diameter:	250 µm
Minimal bend radius:	30 mm
Main features:	<ul style="list-style-type: none"><li>• FRP rods embedded in the coating increasing the mechanical strength of the cable</li><li>• The rectangular cross-section of the coating allows the cable to be bent only in one plane</li><li>• Pulling force ≤ 80 N</li></ul>
Application:	<ul style="list-style-type: none"><li>• The main purpose of the ULT-2SM-IN cable are indoor installations</li><li>• Due to its construction and the fiber used, the cable is ideal for FTTH, FTTB networks, server rooms, office and home networks</li><li>• Low weight, small dimensions and very small minimum bending radius allow to successfully use the cable in cable trays</li></ul>
Supported norms:	<ul style="list-style-type: none"><li>• EN 50267-2-2</li><li>• EN 50268-2</li><li>• ISO 4892/2</li></ul>
Operation temp:	-30 °C ... 70 °C
Installation temperature:	-20 °C ... 60 °C
Guarantee:	2 years

### PRESENTATION

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Cross-section of a cable:



- 1) Optical fiber in 250  $\mu\text{m}$  buffer coating
- 2) FRP rod
- 3) LSZH jacket (sheath)

