

# LANmark-OF Slimflex Patch Cords Singlemode

LANMARK-OF SLIMFLEX SIMPLEX PATCH CORD LC/UPC-LC/UPC SM LSZH XM YELLOW

**Aginode Ref:** N122S.4LLYX

- Optical fiber patch cords
- LANmark-OF singlemode performance
- GIGAliteFLEX bend insensitive fibre
- For use in cabinets and workplaces

## Guarantees and installation

Aginode LANmark-OF optical fibre patch cords have been designed for indoor applications in support of high speed protocols.

Typical installation environments are:

- Cabinets to connect patch panels to active equipment.
- Cross connects in data centres.
- Suitable for use in the work area to connect the workstation to the wall outlet (Fibre To The Desk).

## Characteristics

- Maximum insertion loss according to IEC 61300-3-4: 0.25 dB
- Typical insertion loss: 0.1 dB
- Minimum return loss according to IEC 61300-3-6 for LC/UPC: 50 dB
- Minimum return loss according to IEC 61300-3-6 for LC/APC: 65 dB
- Short connector boots of 19mm
- Small bend radius: 10 mm
- A traceability label is added close to the connector

## Fibre type

The LANmark-OF SM patch cords have LANmark-OF SM **GIGA** **liteFLEX** fibre inside. These fibres are bend insensitive and compliant to ITU-T G.657.A1 and to IEC 60793-2-50, fibre model B6.a1. The pigtail jacket of the singlemode pigtails is yellow.

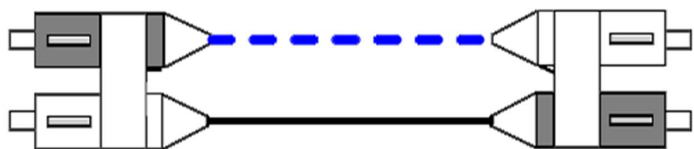


## STANDARDS

ISO/IEC 11801

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

## Schematic Polarity Patch Cord



Cross-over patch cord (A1 to B2 & B1 to A2)

# LANmark-OF Slimflex Simplex Patch Cord LC/UPC-LC/UPC SM LSZH Xm Yellow

## Characteristics

### Construction characteristics

|                  |                  |
|------------------|------------------|
| Fiber optic type | SingleMode 9/125 |
| Outer sheath     | LSZH-FR          |
| Connector type   | LC               |
| Armour type      | Aramid yarn      |
| Colour           | Yellow           |

### Dimensional characteristics

|                        |        |
|------------------------|--------|
| Width                  | 2 mm   |
| Nominal inner diameter | 2.0 mm |
| Height                 | 2 mm   |

### Mechanical characteristics

|                                          |          |
|------------------------------------------|----------|
| Maximum pulling force (IEC 60794-1-2-E1) | 200 N    |
| Crush resistance (IEC 60794-1-E3)        | 100 N/cm |

### Transmission characteristics

|                             |         |
|-----------------------------|---------|
| Insertion Loss, maximum, dB | 0.25 dB |
| Return Loss, Minimum, dB    | 50 dB   |

### Usage characteristics

|                                         |             |
|-----------------------------------------|-------------|
| Operating temperature, range            | -10...50 °C |
| Minimum static operating bending radius | 10 mm       |
| Flame retardant                         | IEC 60332-1 |