



## Network Cable Fiber

### LinkIT fiberpatch OM2 LC/ST Orange 2m

Duplex | MM | LSZH

Product number: FPD52LPTP-020

## Product Description

OM2 is a multi-mode fiber with a core diameter of 50  $\mu\text{m}$ . The smaller core diameter provides better range than OM1, but still quite limited for high bit rates. OM2 fiber is fully compatible with newer types of multimode fiber since all of these have a core diameter of 50  $\mu\text{m}$ . Most of our OM2 cords come with an orange outer sheath and clean connectors of top quality. They come with clips that make it easy to change polarity.

## Main Specifications

|   |                  |
|---|------------------|
| <b>Brand</b>                                    | LinkIT           |
| <b>Color</b>                                    | Orange           |
| <b>Length (m)</b>                               | 2                |
| <b>Category</b>                                 | OM2              |
| <b>Connector type 1</b>                         | LC               |
| <b>Connector type 2</b>                         | ST               |
| <b>Polishing contact 1</b>                      | PC               |
| <b>Polishing contact 2</b>                      | UPC              |
| <b>Cable type</b>                               | Duplex           |
| <b>Number of fibers</b>                         | 2                |
| <b>Wave length (nm)</b>                         | 850/1300         |
| <b>Core Diameter (<math>\mu\text{m}</math>)</b> | 50/125 Multimode |

## Extended Specifications

|                                 |                     |
|---------------------------------|---------------------|
| <b>Jacket material</b>          | LSZH                |
| <b>Anti-kink sleeve</b>         | Moulded             |
| <b>Optical Return Loss (dB)</b> | $\leq 0.3\text{DB}$ |



|                               |   |
|-------------------------------|---|
| <b>Insertion Loss (dB)</b>    | ≤0.3dB  |
| <b>Operating Temperature</b>  | -40°C ~ +75°C   |
| <b>Storage Temperature</b>    | -40°C ~ +75°C   |
| <b>Cable Diameter (mm)</b>    | 2.0   |
| <b>Fire properties</b>        | IEC-60332-3-24, IEC 60332-1-2, IEC 61034, IEC 60754-1 |
| <b>Halogenfree</b>            | ✓   |
| <b>Oil resistant</b>          | ✗   |
| <b>Fire retardant version</b> | ✓   |
| <b>Bending radius (mm)</b>    | 20  |
| <b>Tensile loads (N)</b>      | 150   |
| <b>Certifications</b>         | CE, RoHS  |

## Single packaging

|                          |      |
|--------------------------|------|
| <b>Unit</b>              | PCE  |
| <b>Quantity</b>          | 20   |
| <b>Height (cm)</b>       | 9    |
| <b>Width (cm)</b>        | 22   |
| <b>Length(cm)</b>        | 19   |
| <b>Weight (kg)</b>       | 0,53 |
| <b>Gross Weight (kg)</b> | 0,74 |



## Dimensional Sketches

