



## Network Cable Fiber

### LinkIT fiber patch OM4 LC/LC Magenta 12m

Duplex | MM | LSZH

Product number: FPD54LPLP-120

EI-number: 6955650

## Product Description

LinkIT fiber cord OM4 is an optimized 50 multimode fiber cable for 10 Gbps up to 100 Gbps data transmission: 10 Gbps up to 550 m, or 100 Gbps up to 125 m

## Main Specifications

|                            |                  |
|----------------------------|------------------|
| <b>Brand</b>               | LinkIT           |
| <b>Color</b>               | Magenta          |
| <b>Length (m)</b>          | 12               |
| <b>Category</b>            | OM4              |
| <b>Connector type 1</b>    | LC               |
| <b>Connector type 2</b>    | LC               |
| <b>Polishing contact 1</b> | PC               |
| <b>Polishing contact 2</b> | PC               |
| <b>Cable type</b>          | Duplex           |
| <b>Number of fibers</b>    | 2                |
| <b>Wave length (nm)</b>    | 850/1300         |
| <b>Core Diameter (um)</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>      | $\leq 0.3\text{dB}$                            |
| <b>Operating Temperature</b>    | $-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$ |



|                               |                               |
|-------------------------------|-------------------------------|
| <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 |
| <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

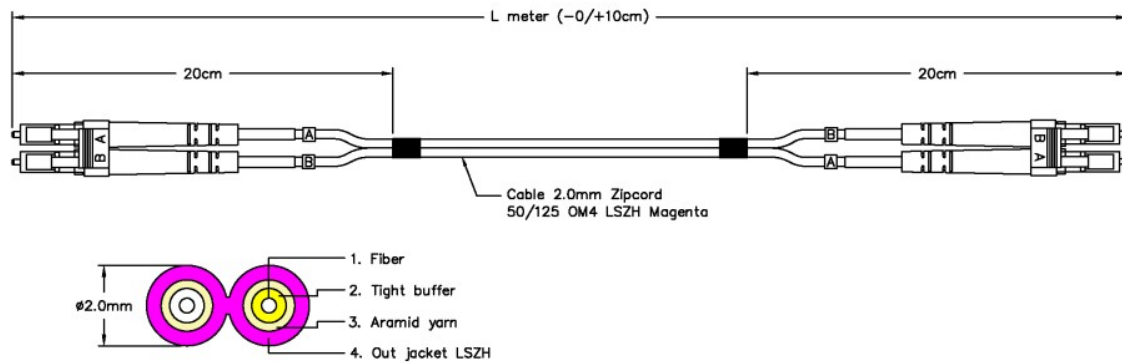
|                               |        |
|-------------------------------|--------|
| <b>Unit</b>                   | PCE    |
| <b>Quantity</b>               | 7      |
| <b>Height (cm)</b>            | 0,9    |
| <b>Width (cm)</b>             | 2,2    |
| <b>Length(cm)</b>             | 1,9    |
| <b>Weight (kg)</b>            | 0,65   |
| <b>Gross Weight (kg)</b>      | 0,0008 |
| <b>Volum (dm<sup>3</sup>)</b> | 0,004  |



## Dimensional Sketches



LinkIT FiberPatch OM4 LC/LC Magenta



| Specifications       |            |                         |                                                                                       |
|----------------------|------------|-------------------------|---------------------------------------------------------------------------------------|
| Connector type:      | LC-LC      | Insertion loss:         | ≤0.3dB                                                                                |
| Fiber mode:          | OM4 50/125 | Return loss:            | ≥35dB                                                                                 |
| Fiber grade:         | G.651.1    | Wave length:            | 850/1300nm                                                                            |
| Polish type:         | PC         | Optimized Data rate:    | 10Gb/s over 1040m / 10Gb/s over 550m                                                  |
| Cable jacket:        | LSZH       | Durability:             | 500 matings                                                                           |
| Color:               | Magenta    | Operating/storage temp: | -40°C ~ +75°C                                                                         |
| Cable diameter:      | 2mm        | Fire properties:        | Fire retardant and halogen-free IEC 60332-3-24, IEC 60332-1-2, IEC 61034, IEC 60754-1 |
| Minimum bend radius: | 20mm       | IEC standards:          | All CENELEC standards required                                                        |
| Tensile loads:       | 150N       |                         |                                                                                       |

