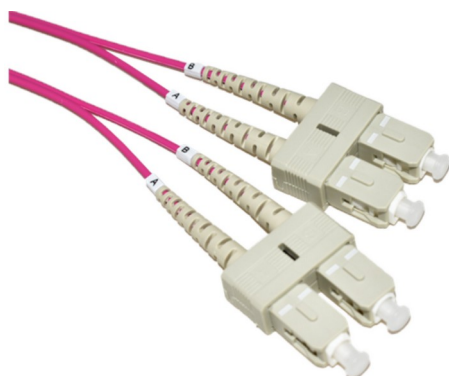




## Network Cable Fiber

### LinkIT fiber patch OM4 SC/SC Magenta 2m

Duplex | MM | LSZH

Product number: FPD54SPSP-020

## Product Description

LinkIT fiber patch OM4 is an optimized 50 µm multimode fiber patch cord for 10 Gbps up to 100 Gbps data transmission (10 Gbps up to 550 m / 100 Gbps up to 125 m) with duplex SC-UPC connectors at both ends

## Main Specifications

|                     |                  |
|---------------------|------------------|
| Brand               | LinkIT           |
| Color               | Magenta          |
| Length (m)          | 2                |
| Category            | OM4              |
| Connector type 1    | SC               |
| Connector type 2    | SC               |
| Polishing contact 1 | PC               |
| Polishing contact 2 | PC               |
| Cable type          | Duplex           |
| Number of fibers    | 2                |
| Core Diameter (um)  | 50/125 Multimode |

## Extended Specifications

|                          |         |
|--------------------------|---------|
| Transmission speed       | 10Gbps  |
| Jacket material          | LSZH    |
| Anti-kink sleeve         | Moulded |
| Optical Return Loss (dB) | ≤0.3dB  |
| Insertion Loss (dB)      | ≤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

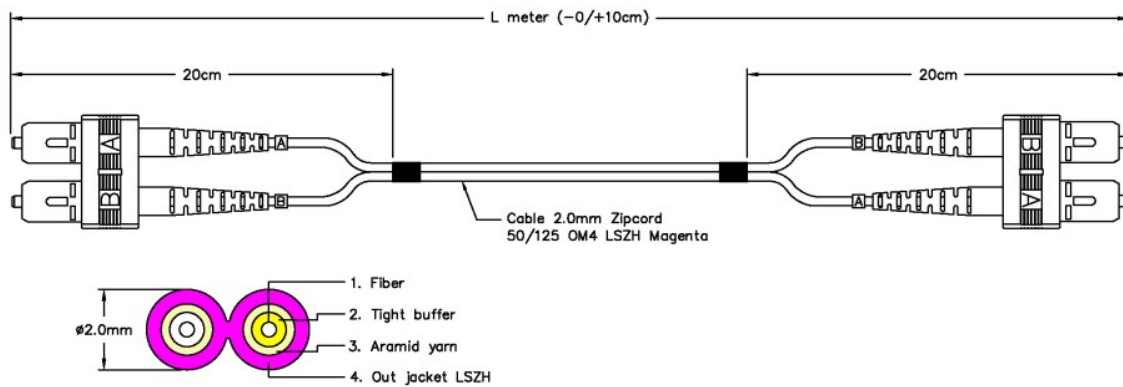
|                          |      |
|--------------------------|------|
| <b>Unit</b>              | PCE  |
| <b>Quantity</b>          | 20   |
| <b>Height (cm)</b>       | 9    |
| <b>Width (cm)</b>        | 22   |
| <b>Length(cm)</b>        | 19   |
| <b>Weight (kg)</b>       | 0,63 |
| <b>Gross Weight (kg)</b> | 0,83 |



## Dimensional Sketches



LinkIT FiberPatch OM4 SC/SC Magenta



| Specifications       |            |                         |                                                                                       |
|----------------------|------------|-------------------------|---------------------------------------------------------------------------------------|
| Connector type:      | SC-SC      | 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       |                         |                                                                                       |

