

# GigaLine<sup>®</sup> patch cord

## LC duplex - SC duplex, figure 0

G50/125 OM4 bend insensitive

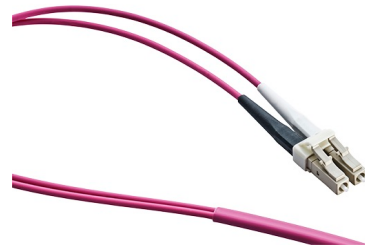


Illustration similar

### Description

Fibre optic patchcord with additional outer sheath

### Properties / applications

For applications in data center, office and industry

### Construction

|                       |                                  |
|-----------------------|----------------------------------|
| Cable type            | KL-I-V(ZN)HH 2 G50/125/OM4 - Dca |
| Colour of sheath      | Heather violet                   |
| Connectors            | LC duplex                        |
| Diameter outer sheath |                                  |

### Mechanical characteristics (cable)

|                               |       |
|-------------------------------|-------|
| Tensile strength              | 600 N |
| Bending radius (static)       | 35 mm |
| Bending radius (dynamic)      | 65 mm |
| Bending radius single element | 30 mm |

### Optical characteristics (connector A / connector B)

|                       |                  |
|-----------------------|------------------|
| Polish                | / PC             |
| Insertion loss (max.) | 0,3 dB / 0,25 dB |
| Insertion loss (typ.) | 0,15 dB / 0,2 dB |
| Return loss (min.)    | 35 dB / 35 dB    |

### Thermal characteristics (cable)

|                                   |                     |
|-----------------------------------|---------------------|
| Temperature (transport / storage) | -25 °C up to +70 °C |
| Temperature during installation   | -5 °C up to +50 °C  |
| Temperature after installation    | -10 °C up to +70 °C |

### Fire characteristics (cable)

|                  |                                       |
|------------------|---------------------------------------|
| Flame retardance | IEC 60332-1-2, IEC 60332-3-22 Cat. A  |
| Halogen free     | IEC 60754-1                           |
| Smoke density    | IEC 61034                             |
| Brandklasse      | Dca s2 d2 a2 acc. to EN 50575 / 50399 |

# GigaLine<sup>®</sup> patch cord

## LC duplex - SC duplex, figure 0

G50/125 OM4 bend insensitive

### Standards, certificates and approvals

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| Fibre standard       | OM4 ITU-T 651<br>IEC 60793-2 A1a.3                      |
| Connector standard   | IEC 61754-20 (LC), IEC 61754-4<br>(SC)                  |
| Cabling standard     | EN 50173, ISO/IEC 11801                                 |
| Chemical continuance | Free of hazardous substances<br>acc. to RoHS 2011/65/EU |

| Cable length (m) | Wiring                  | Number of assembled fibers | Part number     | Weight | PU (pieces) |
|------------------|-------------------------|----------------------------|-----------------|--------|-------------|
| 2,0              | logical crossed, A to B | 2                          | LKD9A1111580000 | 0,06   | 1           |