

# GigaLine<sup>®</sup> patch cord

## LC duplex uniboot - LC duplex uniboot

G50/125 OM3 bend insensitive

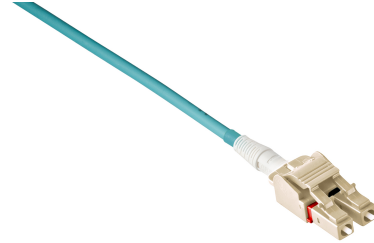
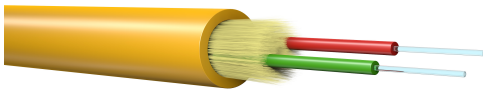


Illustration similar

### Description

Round fiber optic patch cord assembled with LC duplex uniboot - LC duplex uniboot.

### Properties / applications

Cable with two fibers under a common sheath. Particularly suitable for applications in data centers with high packing density. Space saving, bendable in all axes, highly flexible.

### Construction

|                       |                                          |
|-----------------------|------------------------------------------|
| Cable type            | KL-I-V(ZN)H 2 G50/125/OM3 -              |
| Colour of sheath      | Aqua                                     |
| Connectors            | LC duplex uniboot -<br>LC duplex uniboot |
| Diameter outer sheath |                                          |
| Dimensions            | 2                                        |

### Mechanical characteristics (cable)

|                          |       |
|--------------------------|-------|
| Tensile strength         | 100 N |
| Bending radius (static)  | 30 mm |
| Bending radius (dynamic) | 50 mm |

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

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

### Thermal characteristics (cable)

|                                   |                     |
|-----------------------------------|---------------------|
| Temperature (transport / storage) | -20 °C up to +60 °C |
| Temperature during installation   | -5 °C up to +50 °C  |
| Temperature after installation    | -20 °C up to +60 °C |

### Fire characteristics (cable)

|                  |                                         |
|------------------|-----------------------------------------|
| Flame retardance | IEC 60332-1-2, IEC 60332-3-22<br>Cat. A |
| Halogen free     | IEC 60754-1                             |
| Smoke density    | IEC 61034                               |

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### Standards, certificates and approvals

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| Fibre standard       | OM3 ITU-T 651<br>IEC 60793-2 A1a.2                      |
| Connector standard   | IEC 61754-20 (LC)                                       |
| 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 |
|------------------|-------------------------|----------------------------|-----------------|--------|
| 5,0              | logical crossed, A to B | 2                          | LKD9A1998LL0050 | 0,088  |