

# GigaLine<sup>®</sup> I-V(ZN)HH - Eca

## Breakout indoor cable, STB900

G50/125 OM3 bend insensitive

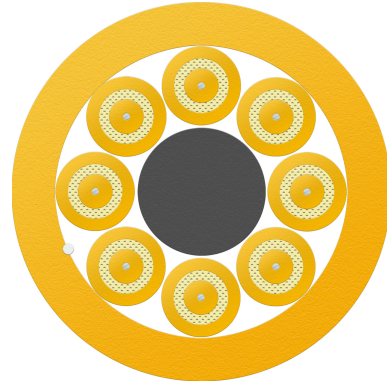


Illustration similar

### Description

Fibre optic indoor cable, with buffered fibres, break out

### Properties / applications

Indoor cable for fixed installation.

Connecting cable and patch cord for generic cabling systems acc. to ISO/IEC 11801 and EN 50173. Ideal for all applications of Classes OF 300 to OF 2000. Suitable for direct connector mounting with adhesive technology. Unsuitable for crimp connectors.

### Laying

For indoor installation in conduits, tubes or on cable trays.

### Construction

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Product name              | GigaLine <sup>®</sup> I-V(ZN)HH - Eca         |
| Fibre quality             | G50/125<br>2,50B1500/0,70F500-10GBE300<br>OM3 |
| Tube                      | Semi tight buffer 0.9 mm                      |
| Strain relief, sub cable  | Non metallic, aramide                         |
| Sub cable sheath material | Halogen free flame retardant compound         |
| Sub cable sheath colour   | Aqua                                          |
| Outer sheath (colour )    | Colza yellow                                  |

### Mechanical characteristics (cable)

|                               |                    |
|-------------------------------|--------------------|
| Bending radius (static)       | 10x outer diameter |
| Bending radius (dynamic)      | 15x outer diameter |
| Bending radius single element | 30 mm              |
| Crush resistance (short term) | 1500 (N/100mm)     |
| Crush resistance (long term)  | 1000 (N/100mm)     |
| Max. strain relief            | 1000 N             |

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### Thermal characteristics (cable)

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

### Standards, certificates and approvals

|                                    |                                                         |
|------------------------------------|---------------------------------------------------------|
| Fibre standard                     | OM3 ITU-T 651<br>IEC 60793-2 A1a.2                      |
| Cabling standard                   | EN 50173, ISO/IEC 11801                                 |
| Fire class                         | Eca acc. to EN 50575 / 50399                            |
| DoP                                | CDESK0000085                                            |
| Flame retardancy                   | IEC 60332-1-2, IEC 60332-3-22<br>Cat. A                 |
| Halogen free                       | IEC 60754-1                                             |
| Acidity of the<br>combustion gases | IEC 60754-2                                             |
| Smoke density                      | IEC 61034                                               |
| Chemical continuance               | Free of hazardous substances<br>acc. to RoHS 2011/65/EU |

| Part number    | Number of fibres | Weight      | Fire load | Outer diameter | Single element Ø<br>ca. |
|----------------|------------------|-------------|-----------|----------------|-------------------------|
| LKD8BA52016000 | 12               | 155,0 kg/km | 1,57 MJ/m | 12,5 mm        | 2,1 mm                  |