

# GigaLine<sup>®</sup> I-V(ZN)HH Eca Breakout indoor cable, STB900

4 x 1 G50/125/250 OM4

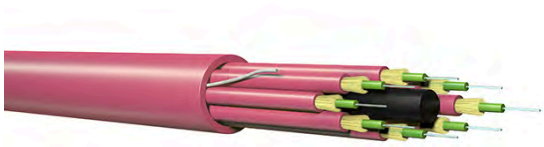


Illustration similar

## Description

Fibre optic indoor cable, with semi tight buffered fibres, break out. Diameter of the sub-cable 2.1 mm.

## 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. Not suitable for crimp connector assembly where the fixation takes place via the secondary coating.

## Laying

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

## Construction

Tube type	Semi tight buffer 0.9 mm
Strain relief, sub cable	Non metallic, aramide
Sub cable sheath material	Halogen free flame retardant compound (LS0H)
Single element Ø ca.	2.1 mm
Sub cable sheath colour	Heather violet
Outer sheath	Halogen free flame retardant compound (LS0H)
Colour	Heather violet
Cable marking	KERPEN DATACOM GmbH GigaLine I-V(ZN)HH 4 x 1 G50/125 STB900 2,5B3500/0,7F500 OM4 bendable \$2xWec hselstromsymbol\$ Eca DoP: CDESK0000085 \$BA-Nr.\$ \$Trommelnr.\$ \$m-sign.\$

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## Breakout indoor cable, STB900

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### Optical characteristics

Category	OM4
Fiber type	G50/125/250
Bandwidth	@ 850 nm 3500 MHz x km @ 1300nm 500 MHz x km
Laser bandwidth	@ 850 nm min. 4,700 MHz x km
Attenuation	@ 850 nm max. 2.5 dB/km @ 1300nm max. 0.7 dB/km

### Mechanical characteristics (cable)

Bending radius (static) (min.)	10x outer-Ø
Bending radius (dynamic) (min.)	15x outer-Ø
Bending radius single element	30 mm
Max. strain relief	800 N
Crush resistance (short term)	1500 N/100mm
Crush resistance (long term)	1000 N/100mm

### 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

### Standards, certificates and approvals

Fibre standard	ISO/IEC 11801 OM4 ITU-T G651 IEC 60793-2 A1a.3
Cabling standard	EN 50173, ISO/IEC 11801
Fire class	Eca
DoP	CDESK0000085
Flame retardancy	IEC 60332-1-2, IEC 60332-3-22 Cat. A
Halogen-free	IEC 60754-1
Acidity	IEC 60754-2
Smoke density	IEC 61034-1
Chemical continuance	Conform to RoHS and REACH

Part number	Number of fibres	Fire load (approx.)	Outer Ø approx.	Weight
LKD8BA700120000	4 x 1	1.1 MJ/m	7 mm	45 kg/km

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