

# GigaLine<sup>®</sup> I-B(ZN)BH - B2ca

## Indoor cable, stranded dry loose tube

E9/125 OS2



Illustration similar

### Description

Fibre optic indoor cable, stranded dry tube, with non-metallic rodent protection.

### Properties / applications

Indoor cable for fixed installation.

Suitable for data center cabling and for the use in generic cabling acc. to ISO/IEC 11801 and EN 50173. Ideally suited for all applications of Classes OF 300 to OF 10000 (depending on the fiber). Especially suitable for mounting of distribution heads für pre-assembled trunks and for splicing technology.

### Laying

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

### Construction

Product designation	GigaLine <sup>®</sup> I-B(ZN)BH - B2ca
Fibre quality	E9/125 0.36F3.0/0.22H18-SMF28 ultra OS2
Fiber colours	IEC 60304: Fiber 1-12: Red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink. Fiber 13-24: Red, green, blue, yellow, white, grey, brown, violet, turquoise, transparent, orange, pinke, each with black ring marking, except transparent.
Tube	Stranded dry loose tube
Strain relief (over all)	Non metallic, glass rovings
Outer sheath material	Halogen free flame retardant compound
Colour	Colza yellow

### Mechanical characteristics (cable)

Bending radius (static) (min.)	10x outer-Ø
Bending radius (dynamic) (min.)	15x outer-Ø
Max. strain relief	3000 N
Crush resistance (long term)	1000 N/100mm

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### 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 OS2 ITU-T G652.D + G657.A1  
IEC 60793-2 B1.3

Cabling standard EN 50173  
ISO/IEC 11801

Fire class B2ca s1a d1 a1

DoP CDESK0000095

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

Cable bending IEC 60794-1-2 E11A

Cable standard IEC 60794-2

Compliance to CPR (EU/305/2011)

Part number	Number of fibres	Weight	Fire load (approx.)	Outer Ø approx.
LKD8IC3BQ080000	4 x 12	75 kg/km	0.78 MJ/m	8.3 mm

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