

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

## Indoor cable, central dry loose tube

G50/125 OM3 bend insensitive



Illustration similar

### Description

Fibre optic indoor cable, central 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	G50/125 2.50B1500.0/0.70F500-10GBE300 OM3 bendable
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	Central dry loose tube
Strain relief (over all)	Non metallic, glass rovings
Outer sheath material	Halogen free flame retardant compound
Colour	Aqua

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### Mechanical characteristics (cable)

Bending radius (static) (min.)	15x outer-Ø
Bending radius (dynamic) (min.)	20x outer-Ø
Max. strain relief	1500 N
Crush resistance (short term)	2000 N/100mm
Crush resistance (long term)	1500 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	-25 °C up to +60 °C

### Standards, certificates and approvals

Fibre standard	OM3 ITU-T G651 IEC 60793-2 A1a.2
Cabling standard	EN 50173 ISO/IEC 11801
Fire class	B2ca s1a d0 a1
DoP	CDESK0000087
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.
LKD8IA5B0Q40000	1 x 8	46 kg/km	0.62 MJ/m	6.5 mm