

GigaLine[®] I-V(ZN)HH - Eca

Breakout indoor cable, STB900

E9/125 bend insensitive OS2

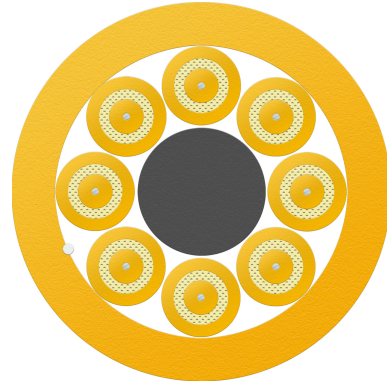


Illustration similar

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 [®] I-V(ZN)HH - Eca
Fibre quality	E9/125 0,36F4/0,22H18-Low OH
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	Yellow
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)

Thermal characteristics (cable)

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

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Standards, certificates and approvals

Fibre standard	OS2 ITU-T 652.D + G657.A1 IEC 60793-2 B1.3
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 Cat. A
Halogen free	IEC 60754-1
Acidity of the combustion gases	IEC 60754-2
Smoke density	IEC 61034
Chemical continuance	Free of hazardous substances acc. to RoHS 2011/65/EU

Part number	Number of fibres	Weight	Fire load	Outer diameter	Single element Ø ca.
LKD8BC70016000	12	155,0 kg/km	1,57 MJ/m	11 mm	2,1 mm