

GigaLine[®] patch cord

LC duplex - LC duplex, figure 0

G50/125 OM5 bend insensitive

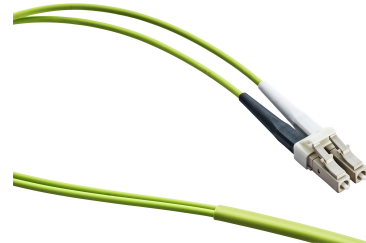
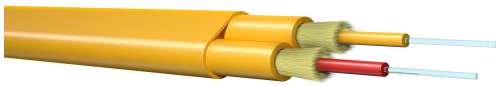


Illustration similar

Description

Fibre optic patchcord with additional outer sheath

Properties / applications

For applications in data center, office and industry

Construction

Cable type	KL-I-V(ZN)HH 2 G50/125/OM5 - Dca
Colour of sheath	Lime green
Connectors	LC duplex - LC duplex
Wiring	logical crossed, A to B

Mechanical characteristics (cable)

Tensile strength	600 N
Bending radius (static)	35 mm
Bending radius dynamic	65 mm
Bending radius single element	30 mm

Optical characteristics (connector A / connector B)

Insertion loss (max.)	0.25 dB / 0.25 dB
Insertion loss (typ.)	0.15 dB / 0.15 dB
Return loss (min.)	35 dB / 35 dB

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

Fire characteristics (cable)

Flame retardancy	IEC 60332-1-2, IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1
Smoke density	IEC 61034
Brandklasse	Dca s2 d2 a2

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Standards, certificates and approvals

Fibre standard	ISO/IEC 11801 OM5 ITU-T G651.1 IEC 60793-2 A1a.4b
Connector standard	IEC 61754-20 (LC)
Cabling standard	EN 50173, ISO/IEC 11801
Flame retardancy	IEC 60332-1-2
Halogen-free	IEC 60754-1/2
Smoke density	IEC 61034-1/2
Chemical continuance	Free of hazardous substances acc. to RoHS 2011/65/EU

Part number	Cable length (m)	Number of assembled fibers	Weight approx.	PU (pieces)
LKD9A2299DD0050	5.0	2	0.145	1