

GigaLine[®] patch cord

1 MTP female - 1 MTP female

G50/125 OM3 bend insensitive

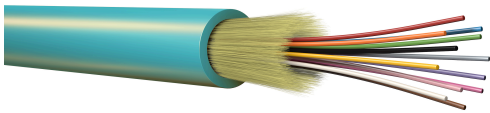


Illustration similar

Description

Patch cable with 1 x 12 fibers, assembled with 1 MTP female connectors on both sides. The Length are from the connector end face to connector end face. The length tolerance is ± 40 mm for length up to 2.0 m and ± 2 % for length over 2.0 m.

Properties / applications

For applications in MTP cable systems up to 100 GBE in data centres.

Construction

Cable type	KL-I-F(ZN)H G50/125/OM3 - Cca
Colour of sheath	Aqua
Connectors	MPO female - MPO female
Connector color	Aqua
Wiring	Crossed, TIA-568-B.1-7 type B

Mechanical characteristics (cable)

Tensile strength	300 N
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Optical characteristics (connector A / connector B)

Insertion loss (max.)	0.3 dB / 0.3 dB
Insertion loss (typ.)	0.1 dB / 0.1 dB
Return loss (min.)	30 dB / 30 dB

Thermal characteristics (cable)

Temperature (transport / storage)	-20 °C up to +70 °C
Temperature during installation	5 °C up to +40 °C
Temperature after installation	-10 °C up to +60 °C

Fire characteristics (cable)

Flame retardancy	IEC 60332-1-2, IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1
Brandklasse	Cca s1a d1 a2

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Standards, certificates and approvals

Fibre standard	ISO/IEC 11801 OM3 ITU-T G651 IEC 60793-2 A1a.2
Connector standard	IEC 61754-7-1 / EIA/TIA 604-5 (MPO)
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)
LKD9SPM3DB00020	2.0	12	0.066	1