

GigaLine[®] patch cord

2 MTP female - 2 MTP female

G50/125 OM3 bend insensitive

Illustration similar



Description

Patch cable with 2 x 12 fibers, assembled with 2 MTP female connectors on both sides. The single elements (diameter 3.0 mm) are consecutively numbered, that makes identification simple and working very efficient. 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)HH G50/125/OM3 - Dca
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	800 N
Bending radius single element	30 mm

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	Dca s2 d2 a1

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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)
LKD9SPM3DC00020	2.0	24	0.19	1