

GigaLine[®] patch cord

LC duplex - SC duplex, figure 0

G50/125 OM4 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/OM4 - Dca
Colour of sheath	Heather violet
Connectors	LC duplex
Diameter outer sheath	

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)

Polish	/ PC
Insertion loss (max.)	0,3 dB / 0,25 dB
Insertion loss (typ.)	0,15 dB / 0,2 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 retardance	IEC 60332-1-2, IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1
Smoke density	IEC 61034
Brandklasse	Dca s2 d2 a2 acc. to EN 50575 / 50399

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Standards, certificates and approvals

Fibre standard	OM4 ITU-T 651 IEC 60793-2 A1a.3
Connector standard	IEC 61754-20 (LC), IEC 61754-4 (SC)
Cabling standard	EN 50173, ISO/IEC 11801
Chemical continuance	Free of hazardous substances acc. to RoHS 2011/65/EU

Cable length (m)	Wiring	Number of assembled fibers	Part number	Weight	PU (pieces)
5,0	logical crossed, A to B	2	LKD9A1112790000	0,11	1