

Fiber Optical Switch 1x4 2-channel MM

- Pure optical path
- Transparent to data speed
- Protocol independent
- Cost efficient
- Future proof

Evolving media and communication over IP demand high bandwidth network solutions. The Fiber optic switch is a long term solution for these networks since it is protocol independent and transparent to data speed.

The Fibersystem Fiber optic switch can be controlled remotely or through a front panel switch. The optical path through the switch is purely optical, there is no optical to electrical to optical conversion. There is no electrical loss or electrical bandwidth limit on the fiber optic path.

Examples of applications:

- Optical protection
- Test systems
- Reconfigurable add-drop Multiplexers
- Provisioning of FTTH and dark fiber
- Disaster recovery
- Re-routing
- Restoration of communication

Features

- Pure optical path
- Transparent to data speed
- Protocol independent
- Cost efficient
- Future proof

Customization

The Fiber optic switch is a product developed and made by Fibersystem and can be customized depending on customer needs.

***Fibersystem AB** is an inventive Swedish company who since 1982 has been working with the application of fibreoptic technology in the delivery of solutions fulfilling the Customers' multitude of needs.*

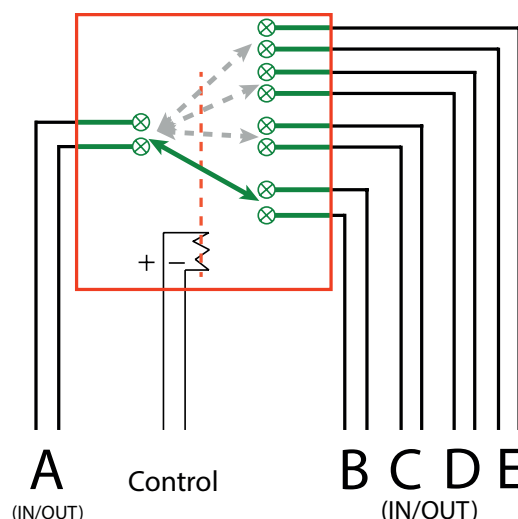
Product categories:

- Secured systems for defence and government organisations
- Fiber optic communication solutions

The Illustration shows concept of latching between channels.

The fiber connection is physically moved to connect with the chosen channel.

2 channel = 1 LC Duplex connector.



Connections

Optical	Multimode 850/1300 nm
Optical channels in/out	1 x LC Duplex
Optical channels in/out	4 x LC Duplex
Insertion loss type	< 0.6 db
Crosstalk	-80 db
Repeatability	± 0.1 db
Switching time	3.5 ms
Durability	30.000.000 Cycles

Power

Power Connector	IEC60320
Power Supply	100-240 VAC 50/60 Hz
Current max	25 W

Controller

Interface	DB9 Serial connector
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Mechanical data and environment

Cabinet dimensions (HxWxD)	45x483x173 mm
Weight	3 kg
Operating temperature	-5° to 70° C
Relative Humidity	10%-80%

Ordering information

Product number	Model	M-nummer	Description
60-00-7330	94-100	M3199-300226	Fiber Optical Switch 1x4 2-channel MM