**Fiber Optical Switch 1x2 4-channel MM**

- Pure optical path
- Transparent to data speed
- Protocol independent
- Manual or remote control
- Future proof
- Redundant power supply (AC and/or DC)

**Description**

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

The switch can be controlled remotely (Web GUI). The 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 optical path.

**Examples of applications**

- Optical protection
- Test systems
- Remote reconfigurable add-drop Multiplexers
- Remote provisioning of FTTH and dark fiber
- Disaster recovery
- Re-routing
- Restoration of communication

**Features**

- Pure optical path
- Transparent to data speed
- Protocol independent
- Manual or remote control, uses software
- API commands to webserver to operate switching
- Management Web GUI, command and TTL-level. (see next page)
- HTTPS/SSL support

**Customization**

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

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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 Optical communication solutions
1. Admin Login
2. Management Options
3. System Info
4. Network Config
5. Change Password
6. Custom User Field
7. System Update
8. Port Select
Customization
The Fibersystem Fiber Switch is a product developed by Fibersystem and made in Sweden. Hence we can customize the product depending on customer needs and guarantee a long product cycle.

Connections
- Optical: Multimode 125 um, wavelength independent
- Optical channels in/out: 2 x LC Duplex
- Optical channels in/out: 2 x LC Duplex + 2 x LC Duplex
- Insertion loss type: < 0.3 db
- Crosstalk: -80 db
- Repeatability: ± 0.1 db
- Switching time: 3.5 ms
- Durability: 30,000,000 Cycles

Security
- HTTPS/SSL: Secure communication over a computer network is supported. The communication protocol can be encrypted using HTTPS/Secure Sockets Layer (SSL).

Power
- Power Connector: IEC60320
- Power Supply: 100-240 VAC 50/60 Hz or 48-250 VDC ± 20%
- Power Max: 25 W
- Optional redundant power supply

Controller
- Connector: RJ45

Mechanical data and environment
- Cabinet dimensions (HxWxD): 45x483x173 mm
- Weight: 3 kg
- Operating temperature: 0° to 70° C
- Relative Humidity: 10%-80%

Ordering information
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<th>Product number</th>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
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<td>94-100</td>
<td>Fiber Optical Switch 1x2 4-channel MM</td>
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