

Fiber Optical Switch 1x2 1-channel MM

- Pure optical path
- Transparent to data speed
- Protocol independent
- Manual or remote control
- Cost efficient
- Future proof



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
- calls to webserver to operate switching
- Management Web GUI, command and TTL-level. (see next page)
- Cost efficient
- Future proof

Customization

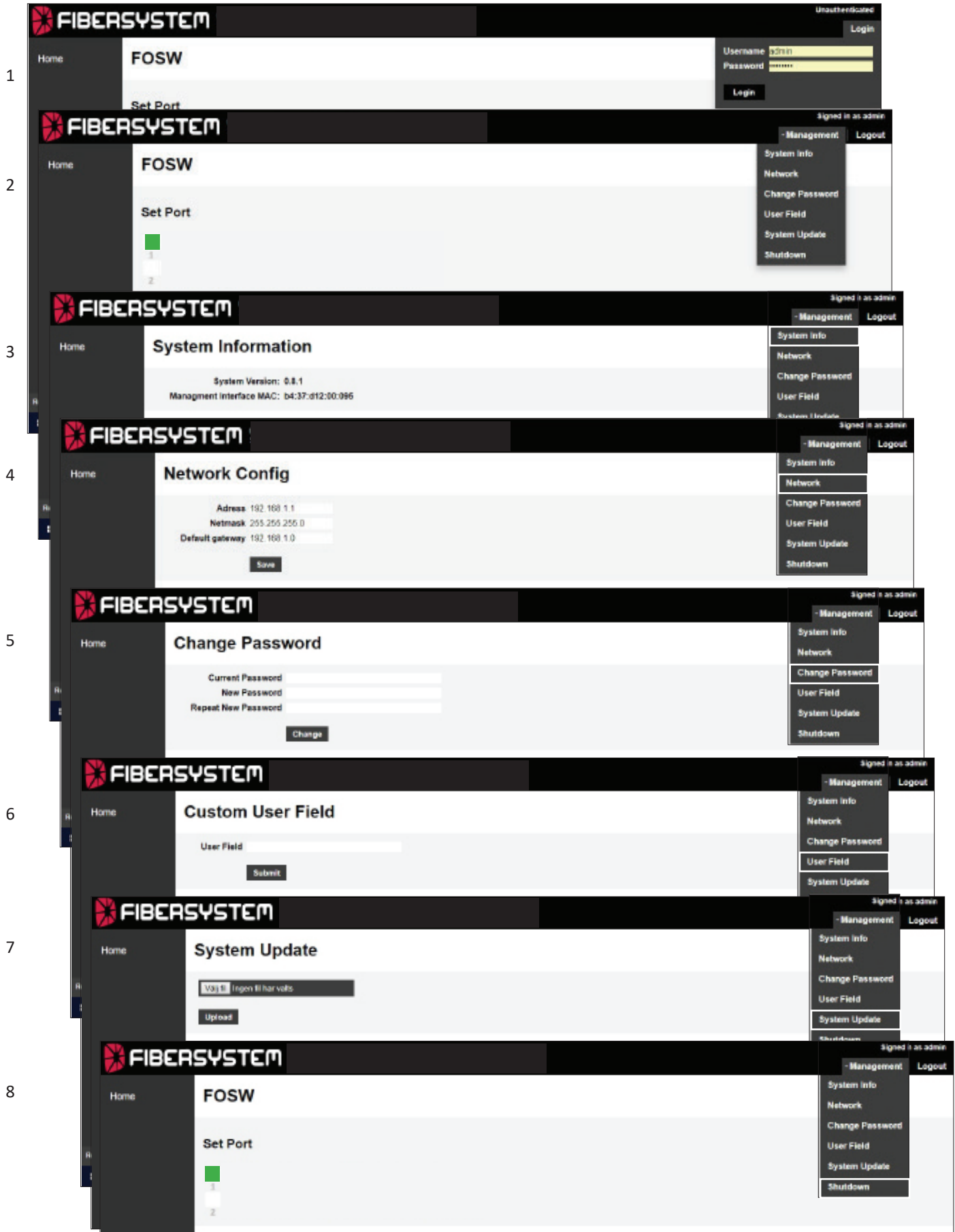
The Fiber optic switch is a product developed and made by Fibersystem and can be customized depending on customer needs.

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 Optical communication solutions

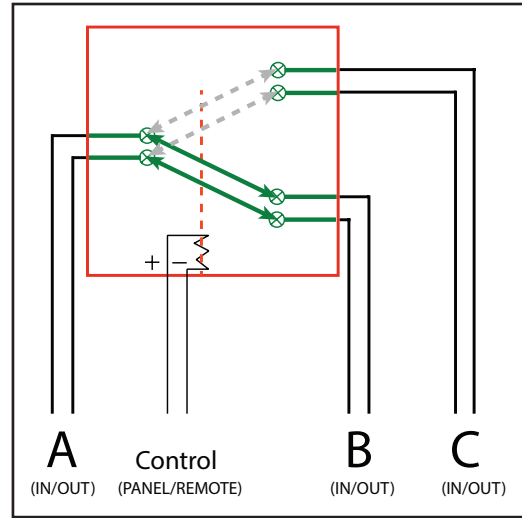
- | | | | |
|-----------------------|-------------------|----------------------|------------------|
| 1. Admin Login | 3. System Info | 5. Change Password | 7. System Update |
| 2. Management Options | 4. Network Config | 6. Custom User Field | 8. Port Select |



The Illustration shows concept of latching between channels.

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

1 channel = 1 LC Duplex connector.



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	1 x LC Duplex
Optical channels in/out	1 x LC Duplex + 1 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

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
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Mechanical data and environment

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

Ordering information

Product number	Model	Description
60-00-7574	94-100	Fiber Optical Switch 1x2 1-channel MM