

# Non-Managed Family

## Non-managed Fast Ethernet Fiber Switch



# FSW-2104

The FSW-2104 provides a low cost solution for non-managed Ethernet fiber switches. The FSW-2104 is a 4-port 10/100Base-TX plus 1-port 100Base-FX Fast Ethernet switch. It is designed for small workgroup applications that require a long distance connection to the backbone, such as between buildings, offices, or within a campus location. FSW2104 provide full-duplex capability on each auto-negotiating port, for enhanced performance. A wide range of transceiver selection provides fiber connection with SC, FC or ST type connectors in multimode or single mode and at distance from 2 to 120km as well as BiDi (single fiber) at distances of 20, 40, 60, or 80km.

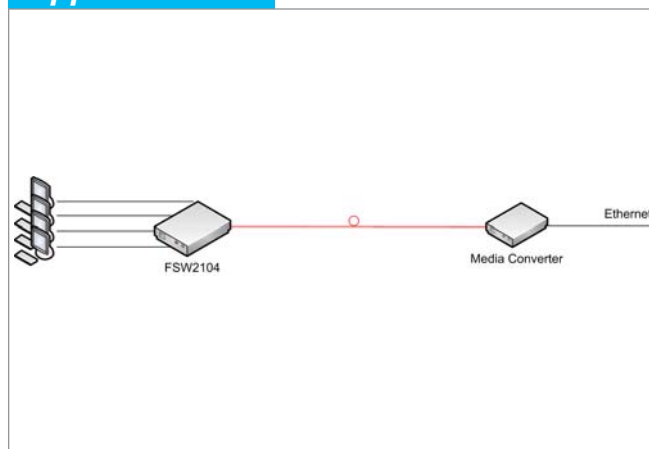
### Features

- 10/100Base-TX to 100Base-FX
- Auto-Negotiation
- Auto MDI / MDIX
- Forward 1552 bytes (Max.) packets
- Support 1K MAC address
- 512k bits packet buffer memory
- Supports Broadcast Storm protection

### Specifications

Ports	Connector : 1x9 (SC, ST)
Optical Interface :	Data rate : 100Mbps
	Duplex mode : Full duplex
	Cable type : MM 62.2/125 $\mu$ m, 50/125 $\mu$ m. SM 9/125 $\mu$ m
	Distance : MM 2km, SM 15/30/50/80/120km, WDM 20/40/60/80km
Electrical Interface :	Wavelength : 1310, 1550nm
	Connector : RJ45
	Data rate : 10Mbps, 100Mbps
	Duplex mode : Half / Full duplex
	Cable length: 10Base-T Cat.3, 4, 5, UTP, 100Base-TX Cat.5, 5e
Distance : 100 meters	
Standard	IEEE 802.3, IEEE 802.3u
LEDs	FX Link, TX SPD, TX Link/Act
Power	DC 5V In
Power Consumption	< 5W
Dimensions (D x W x H)mm	138 x 77 x 28mm
Weight	450g
Temperature	0~50°C (Operating) ,0~70°C (Storage)
Humidity	10~90% non-condensing
Certification	CE, FCC, RoHS
MTBF	57,000 hours

### Application



### Ordering Information

- **FSW-2104** 4 port 10/100Base-TX + 1 port 100Base-FX fiber switch

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## Non-managed Fast Ethernet Fiber Switch



# FSW-2202, FSW-2204

The FSW-2200 family provides a low cost solution for non-managed Ethernet fiber switches. The FSW-2202 is a 2-port 10/100Base-TX plus 2-port 100Base-FX Fast Ethernet switch. The FSW-2204 is a 4-port 10/100Base-TX plus 2-port 100Base-FX Fast Ethernet Switch. They are all designed for small workgroup applications that require a long distance connection to the backbone, such as between buildings, offices, or within a campus location. They provide full-duplex capability on each auto-negotiating port, for enhanced performance. A wide range of transceiver selection provides fiber connection with SC, FC or ST type connectors in multimode or single mode and at distance from 2 to 120km as well as BiDi (single fiber) at distances of 20, 40, 60, or 80km.

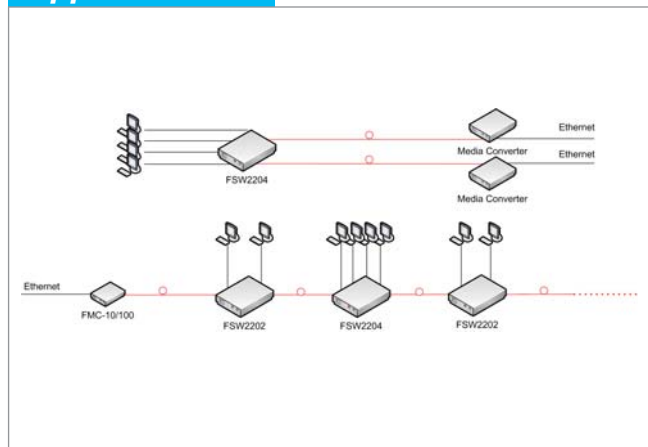
### Features

- 10/100Base-TX to 100Base-FX
- Auto-Negotiation
- Auto MDI / MDIX
- Forward 1552 bytes (Max.) packets
- Support 1K MAC address
- 512k bits packet buffer memory
- Supports Broadcast Storm protection

### Specifications

Ports	Connector : 1x9 (SC, ST)
Optical Interface :	Data rate : 100Mbps
	Duplex mode : Full duplex
	Cable type : MM 62.2/125 $\mu$ m, 50/125 $\mu$ m SM 9/125 $\mu$ m
	Distance : MM 2km, SM 15/30/50/80/120km, WDM 20/40/60/80km
	Wavelength : 1310, 1550nm
Electrical Interface :	Connector : RJ45
	Data rate : 10Mbps, 100Mbps
	Duplex mode : Half / Full duplex
	Cable length: 10Base-T Cat.3, 4, 5, UTP, 100Base-TX Cat.5, 5e
	Distance : 100 meters
Standard	IEEE 802.3, IEEE 802.3u
LEDs	FX Link, TX SPD, TX Link/Act
Power	DC 5V In
Power Consumption	< 5W
Dimensions (D x W x H)mm	138 x 77 x 28mm
Weight	450g
Temperature	0~50°C (Operating) ,0~70°C (Storage)
Humidity	10~90% non-condensing
Certification	CE, FCC, RoHS
MTBF	57,000 hours

### Application



### Ordering Information

- **FSW-2202**                      2 port 10/100Base-TX + 2 port 100Base-FX fiber switch
- **FSW-2204**                      4 port 10/100Base-TX + 2 port 100Base-FX fiber switch