



LevelOne OfficeCon Switches

LevelOne 10/100 Mbps SC/ST Fiber Converter



TECHNICAL DATA

Standard Compliance

- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100Base-TX Fast Ethernet
- IEEE 802.3ab 1000Base-T Gigabit Ethernet
- IEEE 802.3x Flow control
- ANSI/IEEE 802.3 Nway Auto-negotiation

Ports

- 8 x 10/100Mbps STP RJ45
- 2 x 10/100/1000Mbps STP RJ45

Features

- Transmission Mode: Full or half duplex
- Store and forward/filtering at full wire rate on 10Mbps, 100Mbps and 1000Mbps
- Flow-Control: IEEE 802.3x for full-Duplex, backpressure for half duplex
- Broadcast storm protection
- Auto MDI/MDI-X on each port
- MAC Address 8KB
- Buffer Memory 265KB per device

Data Transfer Rate

- Ethernet: 10Mbps half duplex, 20Mbps full duplex
- Fast Ethernet: 100Mbps half duplex, 200Mbps full duplex
- Gigabit Ethernet: 1000Mbps half duplex, 2000Mbps full duplex

Packet Forwarding Rate

- 10Mbps: 14880pps
- 100Mbps: 148800pps
- 1000Mbps: 148000pps

Power Requirement:

- Input Voltage: 100-240V AC, 50-60Hz, Auto-Sensing

Diagnostic LEDs:

- System LED: Power
- Port LED: Speed, Link/Activity, Full-duplex or Collision

Network Cables:

- 10Base-T: 2-pair UTP/STP Cat. 3 or higher, up to 100m
- 100Base-TX: 2-pair UTP/STP Cat. 5, up to 100m
- 1000Base-T: 4-pair UTP/STP Cat. 5, up to 100m

Power Consumption:

- 30 watts maximum

Physical Characteristics:

- Operating Temperature: 0° – 50° Celsius
- Storage Temperature: -10° – 55° Celsius
- Humidity: 10% - 90% RH
- Dimensions 280mm x 180mm x 44mm

Certification:

- FCC Class A
- CE Mark Class A
- VCCI-A
- UL 1850
- TUV/GS EN60950

Ordering Information

- GSW-2010T 8 Port 10/100Mbps Fast Ethernet Switch with two Gigabit Ports