

## Media Converter SFP2G2E Series Fiber Switch

P/N : ITT-MC1891



The ITT-MC1891 is a 10/100/1000Mbps adaptive gigabit Ethernet Fiber Switch. It has two 10/100/1000Mbps Ethernet ports and two 1.25Gbps fiber ports. It extends the transmission distance of a network from 100m to 120km via copper cables. There are also many other advantages such as isolation protection, good data security, working stability and easy maintenance.



- Support the switch between 10/100/1000Base-TX and 1000Base-SX/LX
- 2\*1.25Gbps full-duplex fiber ports and 2\*1000M Ethernet ports with auto-negotiation function
- Support MDI/MDIX and half/full-duplex with auto-negotiation function
- Each port has the complete LED Indicator light
- Support single mode single fiber, single mode dual fiber, multi-mode dual fiber and SFP slot
- Support IEEE802.1d Spanning Tree
- Support IEEE802.1q and VLAN division
- Support high performance QoS function on each port
- Support broadcast storm control
- Support 5-16V voltage input
- Support 10K Jumbo Packet
- Support 8K MAC table
- Support IEEE802.3x flow control and back pressure control
- Require no configuration and will instantly operate as soon as you power it up
- Low power consumption chip with heat sink built in to ensure longtime efficient operation.

SERVICES:  
Guaranteed Warranty



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Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX	IEEE802.3x Flow control IEEE802.1p QoS IEEE802.1d Spanning Tree IEEE802.1q VLAN
Certifications	CCC, CE, FCC, RoHS	
Ethernet Port	<ul style="list-style-type: none"> <li>➤ Connector: RJ45</li> <li>➤ Data Rate: 10/100/1000M</li> <li>➤ Distance: 100m</li> <li>➤ UTP Type: UTP-5E or higher level</li> </ul>	
Fiber Port	<ul style="list-style-type: none"> <li>➤ Connector: SFP slot</li> <li>➤ Data Rate: 1.25Gbps</li> <li>➤ Optical wavelength: 850nm/1310nm/1490nm/1550nm</li> <li>➤ Distance: 550m ~ 100km</li> </ul>	
Performance	<ul style="list-style-type: none"> <li>➤ Processing Type: Store and Forward</li> <li>➤ MAC Table Size: 8K</li> <li>➤ Buffer Space: 1Mbit</li> <li>➤ Jumbo packet:10K</li> <li>➤ Back bandwidth: 8G</li> <li>➤ Time Delay: &lt; 20μs</li> </ul>	
Power	<ul style="list-style-type: none"> <li>➤ Power type:external power supply</li> <li>➤ Input Voltage:AC100V ~ 240V 50/60Hz</li> <li>➤ Connector: DC Socket</li> <li>➤ Working Voltage:5V</li> <li>➤ Power Consumption: 1.1W ~ 2.5W</li> </ul>	
Environment	<ul style="list-style-type: none"> <li>➤ Storage Temperature:-40~70℃</li> <li>➤ Operating Temperature: -10~55℃</li> <li>➤ Relative Humidity: 5-90% ( no condensation)</li> </ul>	
Warranty	2 years	
Physical Characteristics	<ul style="list-style-type: none"> <li>➤ Dimension: 160×84×26mm</li> <li>➤ Weight:0.30kg</li> <li>➤ Color: Metal, Black</li> </ul>	

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Note:

1. Power supply provided by user or order additionally.
2. SC slot connector as default, FC/ST slot as request.



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