



8 Ports Gigabit SFP Fiber Switch with 2 Gigabit RJ45 Uplink



FMC-100-GE

Key Features:

- 8x 1.25G SFP slots for flexible fiber.
- 2x Gigabit RJ45 ports for copper access.
- Auto-negotiation and auto-MDI/MDI-X.
- Fiber transmission distance from 500m to 120km.
- Non-blocking wire-speed switching performance.
- LED indicators for easy network diagnostics
- Compact in size, easy installation

Introduction

The BENCHU GROUP 8-Port SFP Switch provides flexible fiber aggregation with 8x 1.25G SFP slots and 2x Gigabit RJ45 ports. Designed with an external power supply, it offers easy maintenance and deployment flexibility. Ideal for surveillance networks, ISP access, and fiber-to-the-desk applications, this switch ensures reliable connectivity without configuration complexity.

All-SFP Flexibility

8 SFP slots allow mixing multi-mode and single-mode modules, supporting diverse distance needs from 550m to 80km within the same device.

Copper Management Ports

2 RJ45 ports enable local management or direct copper device connection without requiring additional SFP transceivers for setup.

External Power Design

External adapter simplifies power replacement and reduces internal heat generation, enhancing stability in enclosed or warm environments.

Wire-Speed Performance

Non-blocking architecture ensures zero packet loss during high-traffic data transmission, maintaining optimal throughput for all connected devices.

Broad Application

Perfect for video surveillance aggregation, fiber network extension, and enterprise access layers where flexible fiber connectivity is required..

FMC100-8GF2GE

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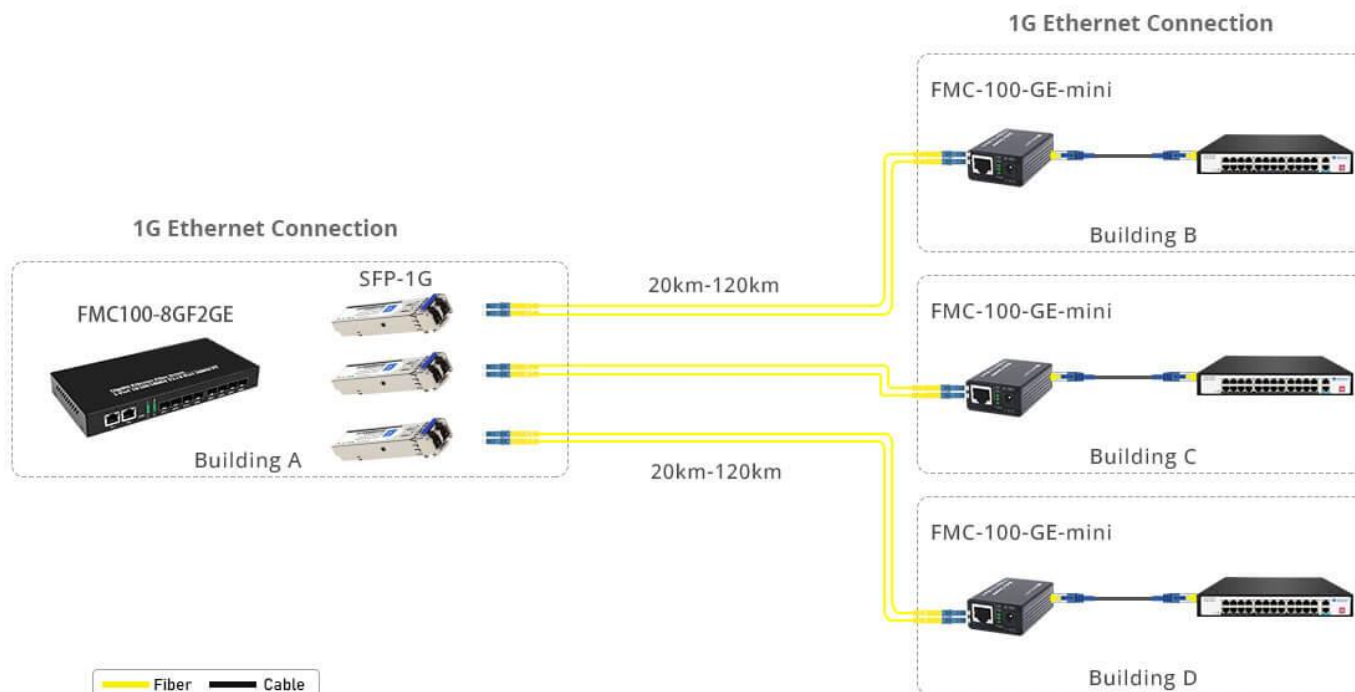
Technical Datasheet

Model	FMC100-8GF2GE	
Hardware Specifications		
Connector	8*1.25g Base-X SFP 2*10/100/1000BASE-T RJ45 auto MDI/MDIX ports	
Processing types	Store and forward	
LED Display	Power Indicator: PWR(green). Network Indicator: Link(green) Fiber: Green	
Thermal Fan	Fanless Design	
Network Standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab/z 1000 BASE-TX IEEE802.3x Flow Control IEEE802.3az EEE	
Jumbo Frame	9K	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	20Gbps
	Packet forwarding rate	14.88Mpps
	MAC address	4k
Power requirement	DC 12V	
ESD Protection	6KV ESD	
Dimension (W x D x H)	216 x 96 x 28mm	
Weight	< 0.7kg	
Environment	Operating temperature: -20°C~55°C, operating humidity: 5%~95% Storage temperature: -40°C~75°C, storage humidity: 5%~95%	
Safety	FCC Part15 Class A,CE,RoHs	

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Application



Ordering Information

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