



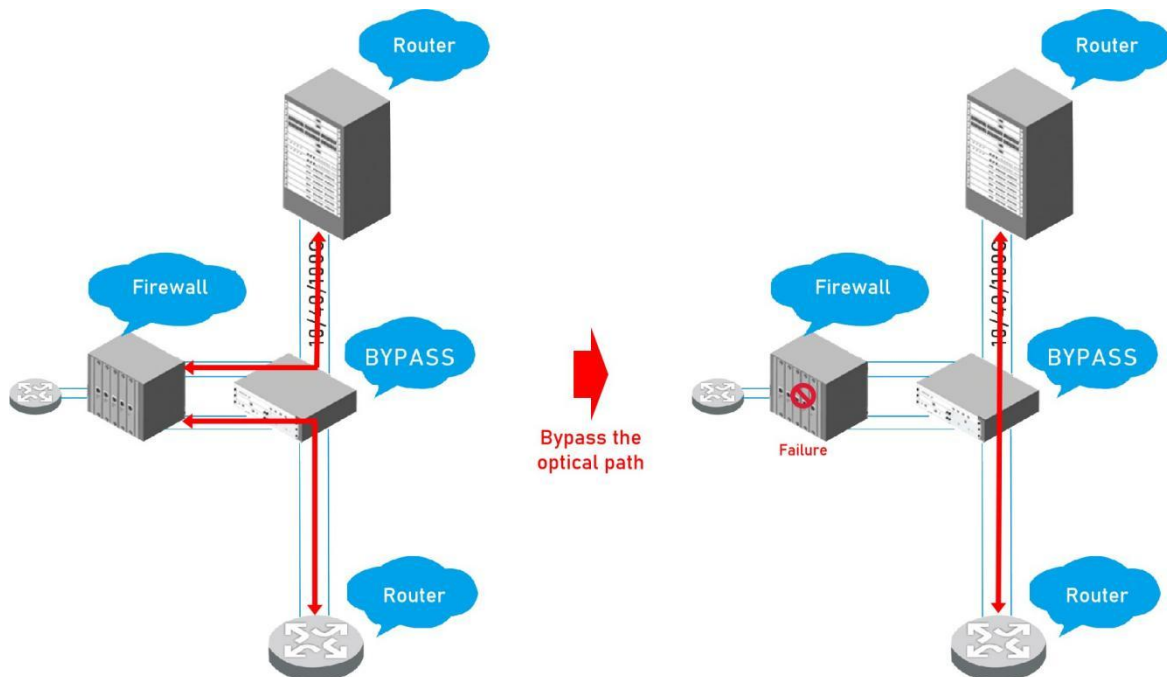
BYPASS SWITCH

BYPASS SWITCH

Description

Bypass Switch is an optical path control equipment, which can automatic bypass the optical path in case the protected optical equipment is failure (such as power supply interruption, hardware failure, software deadlock etc.) for protecting network integrity.

The Bypass Switch can monitor the power supply status and optical signal status of the protected optical device in real time. When the protected optical device fails, it can removes this point of failure by automatically switching traffic via bypass mode to keep the critical network link up.



BYPASS SWITCH

■ Features

- ▶ Automatic bypass switching control by power supply, optical power monitoring and heartbeat monitoring.
- ▶ Working in optical layer, transparent transmission to optical signals.
- ▶ High optical performance.
- ▶ Carrier grade switching speed.
- ▶ Support optical signal Internal-Splitted or External-Splitted.
- ▶ Support CLI management and panel key control with LCD display.

■ Applications

- Fail-safe for network security appliance (FW, IPS, DPI, flow control devices, etc.)
- Fail-safe for Optical Transmission Repeater.
- Fail-safe for serial connection optical device.

BYPASS SWITCH

■ Specifications

Parameter	Unit	Specifications (typical)
Channels		Max.4
Working Wavelength	nm	1310 / 1550
Insertion Loss	dB	≤ 1.5
Switching Time	ms	< 50
Optical Interface		LC/PC
Management Interface		RJ45、RS-232
Heartbeat Interface		ETH(RJ45)
Power Supply	V	220V AC or 48V DC
Power Consumption	W	< 20
Working Temperature	°C	-5 ~ 55
Rack Size		19'inch, 1U height



桂林恒毅金宇通信技术有限公司
HYGJ Communication Technology Co., Ltd.

📍 Chengtian S&T Zone, High-tech Industry Park, Chaoyang Road,
Guilin, Guangxi, China

☎ +86-773-5864886

🌐 www.hygjoptics.com