Failover Media converter

Failover Media converter

Variants

2*SFP +1 RJ45 port

Details

Failover Media Converter (1×GE RJ45 + 2×SFP)

This Failover Media Converter ensures uninterrupted network connectivity by automatically switching to a backup link if the primary link fails. It supports fiber-to-copper conversion and provides 1+1 optical redundancy, making it ideal for ISP, enterprise, and critical network environments.

Key Features

Features
Automatic failover with 1+1 optical backup
1× Gigabit RJ45 + 2× SFP uplink ports
Fiber to copper media conversion
MDI/MDIX auto support with wire-speed forwarding
Store-and-forward stable transmission
Fan-less design with natural cooling

Hardware Specification

Parameter	Specification

Ports	1× 10/100/1000 RJ45 + 2× 1000M SFP
Power Input	AC 100–240V
LED Indicators	Power, Link/Active, Speed
Optical Interface	SFP Slot

Transmission Distance

Cable Type	Distance
Twisted Pair	0 – 100 m (up to 250 m)
Single Mode Fiber	20 / 40 / 60 / 80 / 100 km
Multi Mode Fiber	Up to 550 m

Performance

Parameter	Value
Switch Capacity	20 Gbps
Forwarding Rate	14.88 Mpps
MAC Table	4K
Buffer	8M
Jumbo Frame	16 KB

Environment

Parameter	Specification
Operating Temperature	-10°C to +50°C

Storage Temperature	-40°C to +70°C
Humidity	10% – 90% (Non-condensing)
Cooling	Fan-less
MTBF	50,000 Hours

Physical

Parameter	Specification
Dimensions	220 × 162 × 37 mm
Installation	Desktop / Wall Mount
Weight	0.82 kg

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