

# Failover Media converter

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## Variants

2\*SFP +1 RJ45 port

## Details

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A **Failover Media Converter** is a device used to ensure continuous network connectivity by automatically switching to a backup network path in case of a failure. It converts media types (e.g., from fiber to copper or vice versa) and supports redundant connections for enhanced reliability. In the event of a primary link failure, the failover functionality instantly activates the secondary link, minimizing downtime and maintaining uninterrupted network performance. This Media converter is with 1x10/100/1000Mbps adaptive RJ45 ports, 2x1000M SFP uplink ports. The RJ45 port supports MDI/MDIX and wire speed forwarding functions. Store and forward to provide stable and reliable data transmission. Device provide 2 Ethernet optic port to realize 1+1 optic backup.

Fix Ports	
Fixed port	1x10/100/1000 Base-T + 2x1000MBase-X SFP
Power interface	AC100-240V triangle interface
LED Indicators	P, 9, 10, Link/active, Speed

Optical fiber interface	SFP
<b>Cable Type &amp; Transmission Distance</b>	
Twisted-pair	0-100m/ 250m
Single mode optical fiber	20/40/60/80/100KM
Multi mode optical fiber	550M
<b>Electrical Specifications</b>	
Input voltage	AC 100-240V 50/60Hz
Total Power consumption	10W
<b>L2</b>	
capacity	20G

Packet forwarding rate	14.88Mpps
MAC address table	4K
Buffer	8M
Forwarding delay	5us
MDX/MIDX	Support
Jumbo Frame	16Kbytes
<b>Environment</b>	
Operating temperature	-10?~+50?
Storage temperature	-40?~+70?
Relative humidity	10%~90% (non-condensing)
Thermal methods	Fan-less design, natural heat dissipation
MTBF	50,000 hours

<b>EMC &amp; Ingress Protection</b>	
Surge protection for Ethernet port	IEC 61000-4-5 Level 4 2KV 10/700us?
DIP	IEC 61000-4-11 Level3 10V?
ESD	IEC 61000-4-2 Level 4 8K/15K?
Free fall	0.5m
<b>Mechanical Dimensions</b>	
Product size	220*162*37mm LxWxH?
Installation Method	Desktop; Wall mounted
Weight	0.82KG

