

40G BYPASS TAP

FAIL-SAFE IN-LINE PROTECTION FOR 100% NETWORK AVAILABILITY

The 40G Bypass TAP is placed in front of In-line security appliances, and keeps the network link operational even when these tools become unavailable. It represents a fail-safe solution that actively checks their availability by sending heartbeat packets. If the tools' availability is compromised in any way, the TAP automatically switches to a bypass mode, maintaining the network link up until the issue is fixed.

Similarly, the Bypass TAP also allows network engineers to manually bypass the in-line tool, to keep the network fully operational during maintenance and troubleshooting.



TECHNICAL SPECIFICATIONS

CONNECTORS

2 x MPO (MM) or 1 x LC QUAD (SM)
2 x QSFP+
2 x RJ45 8 pins
2 x 12 VDC

SPEED

40 Gbps

WEIGHT

1360 g — 2.99 lb

COMPLIANCE

RoHS — CE

LEDs

6 x Link/Activity
2 x Power
1 x Bypass
1 x Fan

DIMENSIONS (WxDxH)

120 x 315 x 40 mm — 4.7 x 12.4 x 1.6 in

POWER CONSUMPTION

45 W

ACCESSORIES

2 x 100–240 VAC to 12 VDC PSU included

FEATURES

- Protects the network link availability
- Bidirectional and configurable heartbeats
- Supports link failure propagation (LFP)
- No point of failure
- Redundant powering
- Secure and completely invisible to the network

LINK FAILURE PROPAGATION

Profitap Bypass TAPs transmit link failure errors between ports, allowing the network to activate a redundant path, while the TAP stays available for auto-negotiation.

LFP ensures less downtime, and is essential for high availability networks.

ORDER REFERENCES

Single-Mode 9/125 μm: **F1-40G-BP-S**

RACKMOUNT REFERENCE: **ARKB-1U**

Multi-Mode 50/125 μm: **F1-40G-BP-Z**



3 x F1-40G-BP IN 1U RACKMOUNT