



NEOXPacketRaven 1G-400G Singlemode Fiber TAPs

NONCOMPROMISING SECURE NETWORK ACCESS FOR FULL NETWORK VISIBILITY THROUGH OUR FIBER OPTIC NETWORK TAPS!



PACKETRAVEN
WATCH YOUR NETWORK!

Our Singlemode Fiber TAPs are decoupling elements for the secure and reliable tapping of network data in optical networks. These TAPs are looped into the network line to be monitored and transmit the entire data traffic without interruption and without packet loss, while maintaining data integrity.

Using conventional SPAN ports, also known as mirror ports, on the other hand, can distort the result, as this copying process works in store-and-forward mode and, for example, discards FCS/CRC faulty packets on OSI layer 2 instead of providing these Ethernet frames to the security or monitoring tool.

Our Network TAPs do not have a MAC or IP address, but work entirely on OSI Layer 1 and cannot be traced in the network without special and expensive measuring equipment. Hackers and attackers therefore have no chance. As the integrity of the outgoing data remains unaltered due to this tapping method, our Network TAPs are increasingly used in the areas of network forensics, security and monitoring.

Fiber TAPs do not require their own power supply and behave 100% passively in the network.

PacketRaven Fiber Network TAPs are designed as portable TAPs, but can also be installed in a 19" rack in data centres using a mounting kit and support network speeds from 1G to 400G.

With PacketRaven Network TAPs you get permanent network access without risk and provide e.g. your monitoring tools with 100% reliable network data - without introducing a single point of failure.

Because your network security tool is only as good as the data source!

	Up to 400 Gbps
	Full Network Transparency
	No impairment of Data Traffic
	100% Network Data
	Invisible for Attackers
	Flexible to Use
	Plug-n-Play
	Failure Protection on Power Loss
	Various Split Ratios
	Fast and Precise
	Support Jumbo Frames
	Made in Germany

HIGHLIGHTS

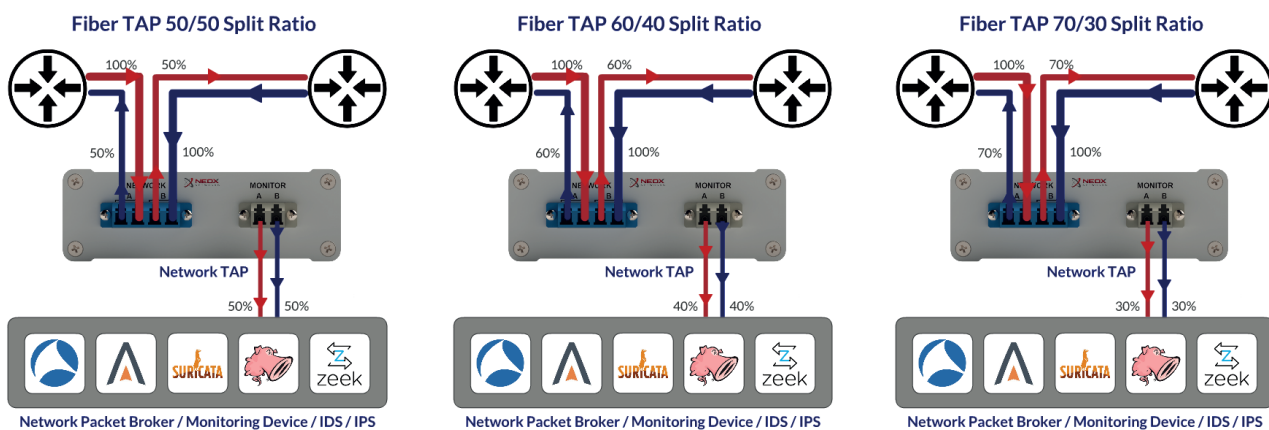
1000Base-LX/ZX
Supported network speeds: 1G, 10G, 25G, 40G, 50G, 100G, 200G and 400G
Alternative to SPAN ports - mirror 100% of traffic including FCS/CRC error packets that may be discarded by SPANs
Invisible on the network, no IP address, no MAC address, cannot be hacked
Guaranteed no packet loss
100% passive without affecting the active network connection, no additional latency
Available in different split ratios: e.g. 50:50, 60:40, 70:30, 80:20, 90:10
No power supply needed, 100% passive
Plug-n-Play, no configuration required
Support 16k Jumbo Frames
Designed, assembled, certified and tested in Germany

SPLIT RATIOS / LIGHT EXTRACTION

In order to tap data from an optical network connection, it is necessary to decouple or split off a part of the available light signal.

The split ratio is the ratio of the amount of light that is still available for the Fiber network connection in relation to the amount of light that is diverted or split off to the monitoring ports of the Fiber Network TAPs.

A split ratio of e.g. 70/30 means that 70% of the light is still available for the network connection and 30% is split off for the monitoring ports.



ATTENUATION VALUES

SPLIT RATIO (OTHERS ON REQUEST)	50:50	60:40	70:30
Singlemode OS1, OS2	3.4 dB / 3.4 dB	2.5 dB / 4.5 dB	1.7 dB / 5.8 dB

DIMENSIONS (WxHxD) / WEIGHT

10.50 cm x 3.60 cm x 16.40 cm / ca. 0.5 kg

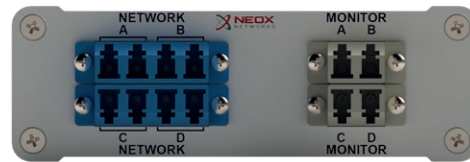
CERTIFICATIONS

CE, FCC, RoHS, WEEE

TAP MODELS



PRP-OS2-SLL-*



PRP-OS2-DLL-*

* respective split ratio - e.g. „-70“ for a split ratio of 70:30

ARTICLE NO.	NETWORK	FIBER TYPE	WAVE-LENGTH	SPLIT RATIO	CONNECTOR NETWORK	CONNECTOR MONITOR.	TAP VERSION
PRP-OS2-SLL-50	1/10/25/40/50/100/200/400G	OS2	1310 / 1550 nm	50:50	LC Singlemode	LC Singlemode	Single-TAP
PRP-OS2-SLL-60	1/10/25/40/50/100/200/400G	OS2	1310 / 1550 nm	60:40	LC Singlemode	LC Singlemode	Single-TAP
PRP-OS2-SLL-70	1/10/25/40/50/100/200/400G	OS2	1310 / 1550 nm	70:30	LC Singlemode	LC Singlemode	Single-TAP
PRP-OS2-DLL-50	1/10/25/40/50/100/200/400G	OS2	1310 / 1550 nm	50:50	LC Singlemode	LC Singlemode	Dual-TAP
PRP-OS2-DLL-60	1/10/25/40/50/100/200/400G	OS2	1310 / 1550 nm	60:40	LC Singlemode	LC Singlemode	Dual-TAP
PRP-OS2-DLL-70	1/10/25/40/50/100/200/400G	OS2	1310 / 1550 nm	70:30	LC Singlemode	LC Singlemode	Dual-TAP

! All Fiber TAPs for fibre type OS2 are also OS1 compatible!

ARTICLE NO.	ACCESSORIES
PRP-1U3	Server rack mounting frame for 3 portable TAPs
PRP-1U3-BP	Blank plate for mounting frame PRP-1U3



PRP-1U3



PRP-1U3-BP

