



Data TAP 1 Gbps TEMPEST Level A & RÖS U1

Fibersystem Secure Data TAP - enables duplication of network signals, including any existing physical errors, to transmit-only ports and is designed to operate in extremely harsh environments and conditions.

Data Tap 1Gbit with failover bypass function

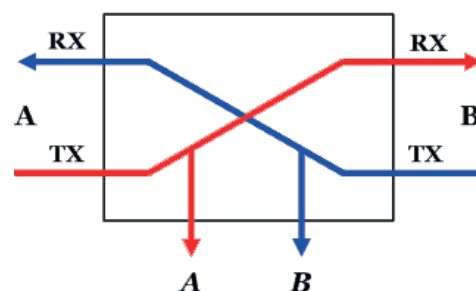
- Powerloss bypass: Yes (13ms switchover)
- TAP interfaces: 1Gbit RJ45 SFP
- Monitor Interface: 1Gbit or 2.5Gbit copper or optical SFP
- Formfactor: Fibersystem Rack System
- The data traffic goes through a 3-port switch. The data traffic is reflected through a Data Diode function to the TAP port. The purpose of the built-in Data Diode function is to ensure and not interfere with data traffic. To aggregate 1Gbit+1Gbit, a 2.5Gbit SFP is used on the TAP port, it can handle a full duplex (2x1Gbit) data traffic (uplink/downlink ports).
- Built-in high-speed switches allow ethernet traffic to work as usual if the power supply should be lost.

Accessories (see www.fibersystem.com/product-category/rack-system-and-rack-modules)

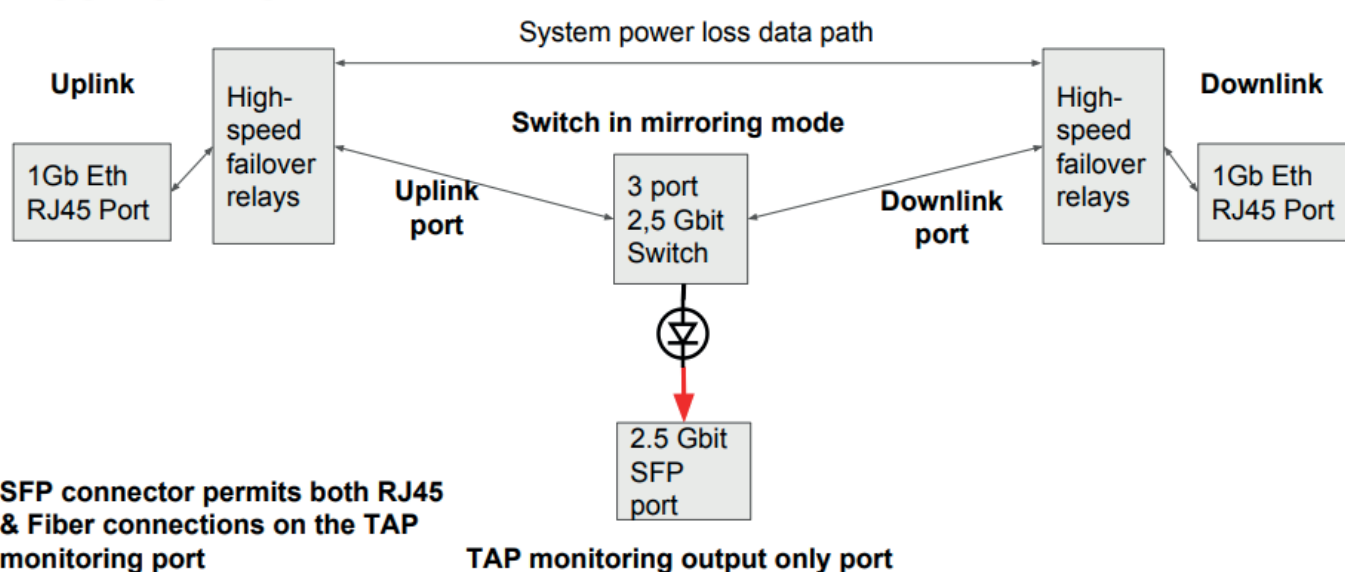
- 60-00-6918 Rack 19" 3 U with 2 x 150 W redundant power supplies, 16 card slots, with SNMP
- 60-00-6944 Rack 19" 3 U with 2 x 150 W redundant power supplies, 16 card slots
- 60-00-7392 Rack 19" 1 U with 2 x 45 W redundant power supplies, 3 card slots, with SNMP
- 60-00-7391 Rack 19" 1 U with 2 x 45 W redundant power supplies, 3 card slots
- 60-00-6406 Single Slot Unit with built in 15 W power 85 VAC - 264 VAC
- 60-00-7231 Single Slot Unit with built in 15 W power 24 VDC
- 60-00-6505 Rack shelf 19" 1 U, for 1-3 Single Slot Unit

Illustration of Data TAP functionality

The data TAP always keeps the traffic between link A and link B uninterrupted, even during power loss conditions. In these cases the TAP will bypass internal logic and hardwire link A and link B."



Functional diagram - RJ45 Power Loss compatible aggregating version



Galvanic/electrical link

Data speed 1 Gbps
Protocol 1000BaseT

Environmental

Operating 0 to +50C
Storage -40C to +70C

Regulatory compliance

Safety CE
Environmental Complies with appropriate requirements of RoHs and WEEE

Dimensions and weight

Physical size 115(H), 20(W), 195(D)mm/ 4.5(H), 0. (W), 7.7(D)inch
Weight 0.15kg/ 0.33lb

Ordering information

Product #	M-Number	Description	Mbps	In	Out
60-00-7450	3197-190003	Data TAP 1Gbit Rack	1 000	RJ45	RJ45