TAPSF-S

10 /1 Gigabit (SM) Fiber TAP Stand Alone Unit

Product Description

The Silicom TAPSF is external passive TAP for 10 /1 fiber Gigabit Ethernet networks.

The Silicom TAPSF captures both sides of the Network links and transmits a copy on to the monitor port, this feature enables full duplex monitoring of all packets transmitted between the Network ports. The Silicom TAPSF does not require power;
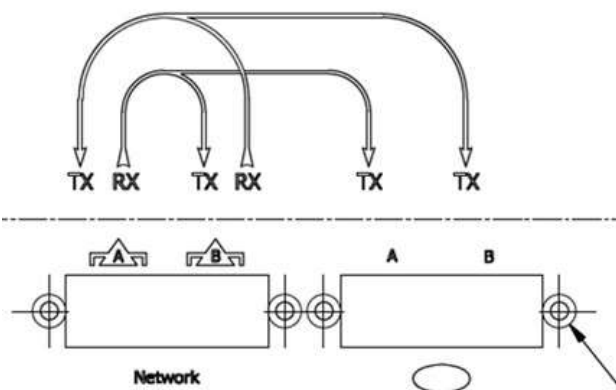
The Silicom TAPSF can be optionally installed in a rack mount frame.

Key Features

- Supports Fiber Gigabit Ethernet (1000Base-LX)

- Supports Long Range Fiber 10 Gigabit Ethernet (10GBase-LR)

- Passive TAP enables full duplex monitoring for 10 /1 fiber Gigabit Ethernet networks

- Transparent to the network

- Does not require power

- No IP address is needed

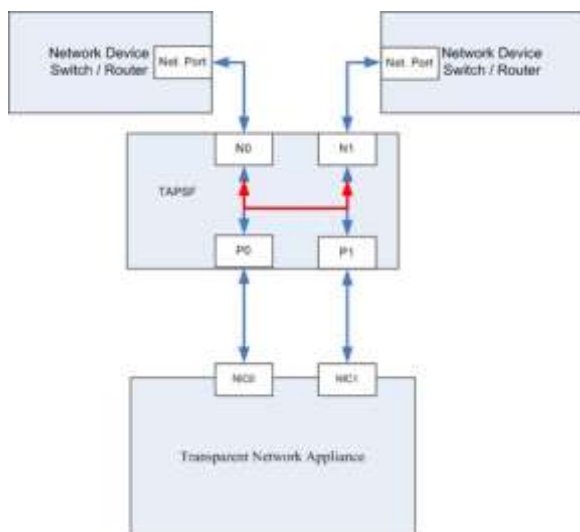- Optional 19-inch rack frame holds up to 3 taps

Figure: 1- TAPSF: Front panel and connections diagram

Technical Specifications

Fiber Ethernet General Technical Specifications	
IEEE Standard / Network topology:	Fiber 10Gigabit Ethernet, 10GBase-LR (1310nM) Fiber Gigabit Ethernet, 1000Base-LX (1310nM)
Fiber core:	Single-Mode fiber: 9um
Insertion loss ratio:	-70/30: 70% – Network ports to Monitor port 30% – Network port to network port
Insertion loss: (Typical)	Network Port: 1.8 dB Monitor Port: 5.8 dB
Insertion loss: (Measure)	Fabry-Perot laser: Network Port: 1.73 dB Monitor Port: 5.54 dB DFB laser: Network Port: 1.57 dB Monitor Port: 5.57dB

Order Information

P/N	Description	Notes
TAPSF-S-R	10 /1 Gigabit (SM) Fiber TAP Stand Alone Unit	9uM, Fiber core, splitter ratio 70/30
TAPSF-S-64-R	10 /1 Gigabit (SM) Fiber TAP Stand Alone Unit	9uM, Fiber core, splitter ratio 60/40
TAPSF-S-55	10 /1 Gigabit (SM) Fiber TAP Stand Alone Unit	9uM, Fiber core, splitter ratio 50/50

RK-1U-3-PBSS	Rack mount frame for Silicom stand alone units	Optional for 19" / 1U frame mount

Note: Model P/N /-RoHS

-RoHS: RoHS Compliant / Lead free adapter.

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