



### 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;

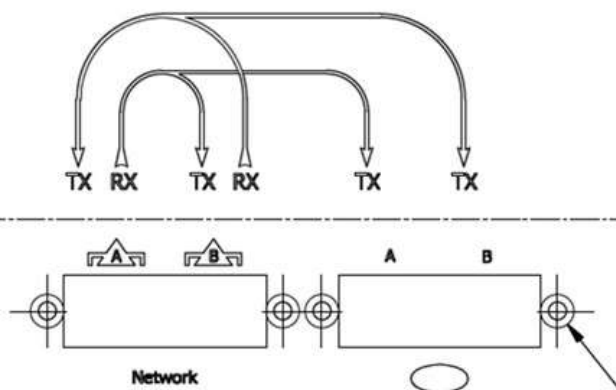
The Silicom TAPSF can be optionally installed in a rack mount frame.



#### 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

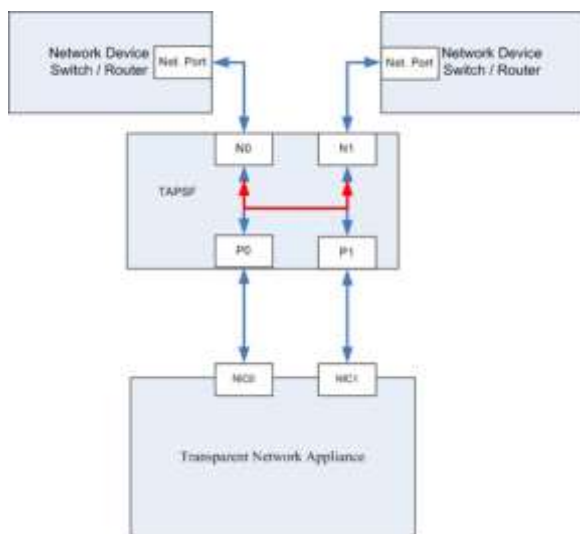
Figure: 1- TAPSF: Front panel and connections diagram



## Technical Specifications

### Fiber Ethernet General Technical Specifications

<b>IEEE Standard / Network topology:</b>	Fiber 10Gigabit Ethernet, 10GBase-LR (1310nm) Fiber Gigabit Ethernet, 1000Base-LX (1310nm)
<b>Fiber core:</b>	Single-Mode fiber: 9um
<b>Insertion loss ratio:</b>	-70/30: 70% – Network ports to Monitor port 30% – Network port to network port
<b>Insertion loss: (Typical)</b>	Network Port: 1.8 dB Monitor Port: 5.8 dB
<b>Insertion loss: (Measure)</b>	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

<b>RK-1U-3-PBSS</b>	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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