



### TAPSF-S

#### 400/200/100/50/25/10/1 Gigabit (SM) Fiber TAP Stand Alone Unit

#### Product Description

The Silicom TAPSF is external passive TAP for 400 / 200 / 100 / 50 / 25 / 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.

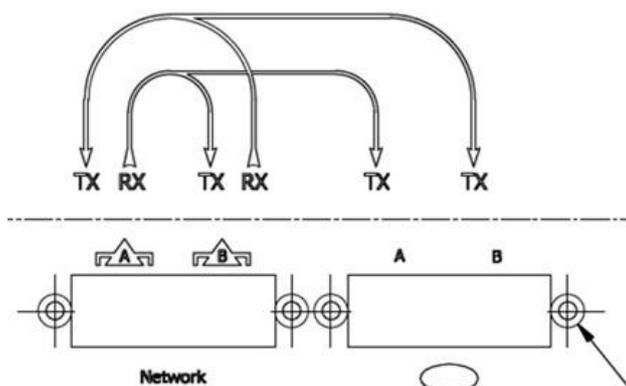
The Silicom TAPSF does not require power; The Silicom TAPSF can be optionally installed in a rack mount frame.



#### Key Features

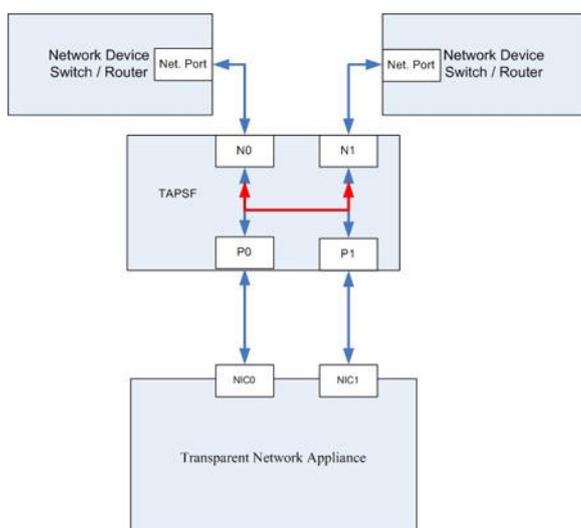
- Supports 1Gbase-LX, 10Gbase-LR, 25Gbase-LR, 40Gbase-LR4, 50Gbase-LR, 100Gbase-LR4, 200Gbase-LR4 and 400Gbase-LR8
- Passive TAP enables full duplex monitoring for 400 / 200 / 100 / 50 / 25 / 10 / 1 fiber Gigabit Ethernet networks.
- Transparent to the network.
- Does not require power.
- No IP address is needed.
- Optional 19-inch rack frame holds up to 3 taps.

Figure: 1- TAPSF: Front panel and connections diagram



## Fiber Ethernet General Technical Specifications

<b>IEEE Standard / Network topology:</b>	Fiber 1Gbase-LX, 10Gbase-LR, 25Gbase-LR, 40Gbase-LR4, 50Gbase-LR, 100Gbase-LR4, 200Gbase-LR4 and 400Gbase-LR8 (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
<b>Size:</b>	x 120.5SM ( wide) x 148SM (depth) x 27.7SM (height) (4.744" x 5.827" x 1.07")
<b>Weight:</b>	610 gram (21.52 oz)
<b>Operating Humidity:</b>	0%–90%, non-condensing
<b>Operating Temperature:</b>	0°C – 50°C (32°F – 122°F)
<b>Storage Temperature:</b>	-20°C–65°C (-4°F–149°F)
<b>EMC Certifications:</b>	Class B
<b>MTBF*:</b>	> 50 years



## 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.

1V2