



v1 x2 Filter Tap

V 1.2 C.C-F-AF/AF2 | V 1.2 S.C-JF-AF/AF2 | V 1.2 S.S-J-AF/AF2
 V 1.2 L.C-JF-AF/AF2 | V 1.2 L.C-JF-AF/AF2 | V 1.2 L.L-J-AF/AF2 | V 1.2 Z.Z-J-AF/AF2



Benefits

- Input filters eliminate packet loss
- Aggregation reduces required ports on monitoring devices
- Shields monitoring device from intruders
- 2 Inline taps in a single rack unit
- Onboard memory prevents burst traffic overflow

Features

- Remote management over Telnet, HTTP, and SNMP
- LinkSafe™ for copper network reliability
- Media conversion on selected units
- Multiple Hardware-Based Filtering options
- Small footprint

Filter Taps

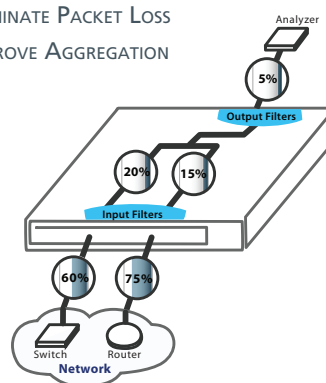
In addition to features found in our v1x2 Aggregation Taps, VSS Monitoring Filter Tap enables screening the monitoring traffic to ensure zero packet loss during aggregation. Hardware-Based Filtering allows traffic to be distinguished according to source and destination address as well as by specific protocols such as HTTP, VoIP, etc. Management interfaces include a local console for Command Line Interface (CLI) and Ethernet for CLI over Telnet, Web Browser over HTTP, and Network Manager over SNMP.

VSS Monitoring -AF series of Taps provides the ability to define two unique sets of filtering options for each network ports only, before aggregation and forwarding to the monitor ports. The -AF2 series provides the ability to define a unique set of filtering options for each network and monitor port (i.e. before and after aggregation of the traffic). LinkSafe™ for copper network reliability, and media conversion are available on selected units.

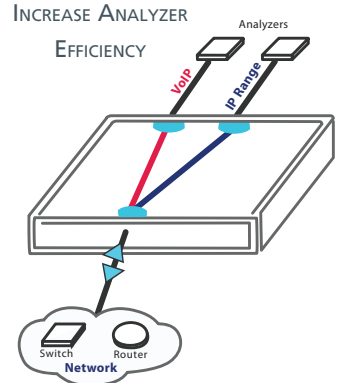
LinkSafe VSS Monitoring's LinkSafe feature enables copper link failures to be observed by network elements on both sides of the Tap, thereby enabling routers and switches to execute redundancy whenever such failures occur. With other vendors' Taps, when a link drops, the Tap becomes a point of failure by not making the network element (on the Tap's opposite side) aware of the dropped link. The effect of this is that the Tap continues to accept incoming packets on one side despite not being able to forward the packets to their destination.

LinkSafe removes the point of failure by communicating any occurrence of failure to the Tap's opposite link that, in turn, enables both network elements to reroute packets through redundant ports. Once a link failure has occurred, the Tap continues to sense both links so as to reestablish the primary connection when the links become available again. VSS monitoring is the proud manufacturer of the World's first and only truly fail-safe Gigabit Copper Tap.

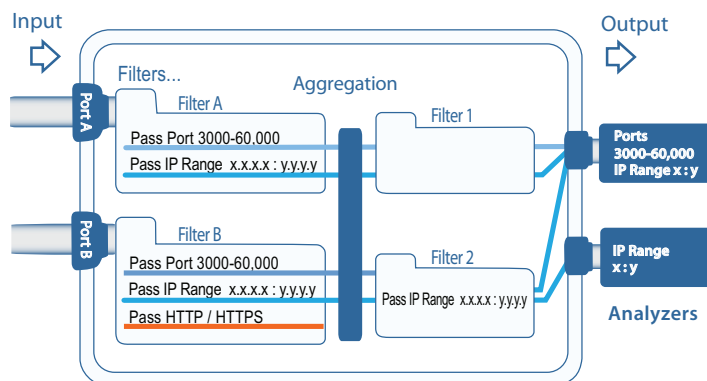
ELIMINATE PACKET LOSS
IMPROVE AGGREGATION



INCREASE ANALYZER
EFFICIENCY



Distributed Filters



Technical Specifications

Mechanical				
Unit Type:	V 1.2 C.C-F-AF Cu	V 1.2 C.C-F-AF2 Cu	V 1.2 S.S-J-AF2 SX	V 1.2 S.C-J-AF2 SX -> Cu
Total Weight:	2.5 lb. / 1.3 kg.			
Size:	8.25" (w) x 7.5" (d) x 1.75" (h) / [209mm x 190mm x 44mm]			
Network Ports:	(x2)			
Aggregation Monitor Ports:	(x2)			
Performance				
Full line rate:	1 Gbps			
Environmental				
Temperature:	0 – 55 degrees C (operating); -20 – 100 degrees C (storage)			
Humidity:	5% – 95%, non-condensing			
Data				
Rates:	10/100/1000 Mbps	1 Gbps	1 Gbps	1 Gbps
Propagation Delay				
Network Cable Distance:	100M			
Network to Network:	10Base-T < 5.4 us, 100Base-T < 616 ns, Gigabit < 340 ns			
Network to Monitor:	10Base-T < 1.24 ms, 100Base-T < 124 us, Gigabit < 13.2 us			
Power				
DC Voltage: -40 to -72V	10W	10W	7W	7W
AC Voltage: 90 to 264V	10W	10W	7W	7W
Optical				
Sensitivity:	< -20 dBmSX* < -20 dBmLX* < -24 dBmZX*			
Available Media:	SX, LX, ZX, media conversion			
Output Power:	> -10 dBm			

*Not including splitter loss



Network Visibility. Optimized.

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VSS Monitoring, Inc. is the world's leading innovator of Distributed Traffic Capture Systems™ and network taps, focused on meeting the rapidly evolving requirements of security and performance conscious network professionals. Distributed Traffic Capture Systems herald a new architecture of network monitoring, one which fundamentally improves its capability and price-performance.

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