



# vOptical Regeneration Tap

V 1.4 series | V 1.8 series | V 1.12 series | V 1.16 series



## Benefits

- Total Visibility  
Complete data capture at line speed
- Total Stealth  
Tap shields monitoring device from intruders
- Total Security 100% Uptime  
Power loss cannot cause Tap to drop network link
- Easy Plug and Play Installation

## Features

- Data reclocking & signal cleanup
- Up to 18 full duplex multimode or single-mode ports with SC connectors
  - 2 network ports
  - 32 Tx-only monitoring ports
- 1 LED showing DC Power Status
- 2 LEDs showing network link
- Universal power supply for global usage
- Available in SPAN or Inline configuration
- Up to 16 monitoring devices
- Available speeds:
  - Gigabit
  - OC1, OC3, OC48
- Available Fiber Media:
  - SX, LX, ZX

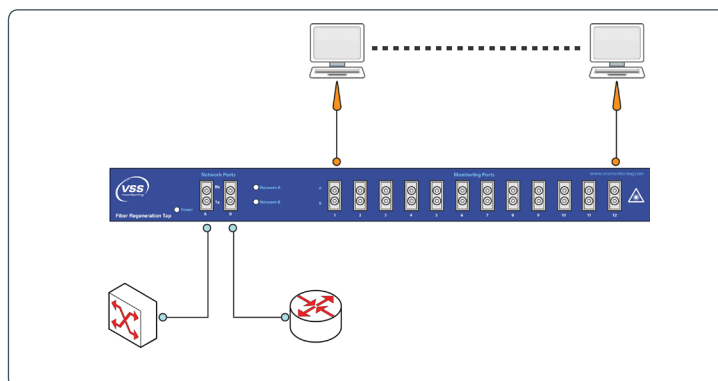
## Optical Regeneration Taps

Inline Regeneration Taps are designed to tap a full duplex network and replicate the traffic across multiple monitor ports.

Span Regeneration Taps support the replication of multiple SPAN (mirror) port outputs.

Replication of network traffic increases the number of monitoring tools that can access any given network. Regeneration taps are passive (failsafe) hardware devices that provide complete traffic visibility while keeping the network unaffected by the monitoring infrastructure. The tap is invisible to the network and shields monitoring tools from detection and the possibility of polluting network data.

This series of taps offers a wide range of monitor port densities, speeds, and media conversion. Available in 6, 10, 14, and 18 fiber port versions.



## Technical Specifications

Mechanical				
Unit Type:	V 1.4 Series	V 1.8 Series	V 1.12 Series	V 1.16 Series
Total Weight:	5.5 lb. / 2.5 kg.			
Size:	17.75" (w) x 8.75" (d) x 1.25" (h) / (450mm x 222mm x 31mm)			
Fiber Network Ports:	(x2)			
Fiber Monitor Ports:	(up to x16)			
Environmental				
Temperature:	0 – 55 degrees C (operating); -20 – 100 degrees C (storage)			
Humidity:	5% – 95%, non-condensing			
Power				
Device Power:	100-240 V AC, 47-63 Hz, 15W Max			
Power Cord:	IEC-320 C13-3 power cord			
Device Options				
# of Monitor Ports:	4x, 8x, 12x, 16x			
Network Split Ratio:	70:30; Max sensitivity: -11dBm; Insertion Loss: 2.75 dB			
	60:40; Max sensitivity: -12dBm; Insertion Loss: 4.0 dB			
	50:50; Max sensitivity: -12.5dBm; Insertion Loss: 4.5 dB			
Connector Types:	SC, LC			
Optical Media:	SX, LX, ZX			
Media/Speed Conversion:	Available on any input or output ports			
Available Speeds:	Gigabit, OC1, OC3, OC12, OC48, OC192, OC768			



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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