CriticalConneX™ CC1205

The CC1205 is part of the new generation of TAP products from Network Critical; it is a passive breakout TAP for 1000 multimode fiber network links, for connection to a dual-port gigabit network tool.
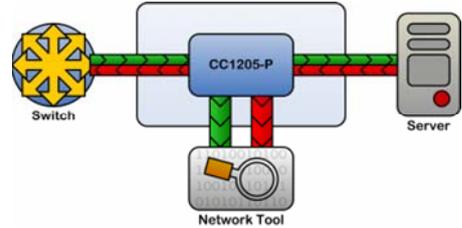
The CC1205 features Network Critical's innovative Zero-packet-loss failsafe technology which maintains full-duplex pass-through capability to protect your network link from downtime in the event of a product failure.

The CC1205 features:

- Breakout monitor ports, each of which carry one side of the network conversation. Breakout mode guarantees that 100% of the network traffic is presented to the network tool without delay, even at sustained line-rate operation.
- Passive operation; in addition to the link protection failsafe the CC1205 blocks all traffic coming back from the network tool.
- Link Failure Propagation (LFP) allows simultaneous failover of network interfaces, useful in HA network scenarios. This is a user-configurable option.

The CC1205 is available in a portable, stand-alone form factor or as a plug-in module for the CriticaConneX™ enterprise chassis.

Deployment

In **BREAKOUT** mode bi-directional live network traffic is broken-out onto separate monitor ports, giving a single network tool full access to the traffic. This type of deployment is recommended when 100% guaranteed traffic capture is required.
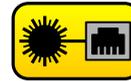
Features

A/B	**A/B Breakout** - breaks out the network traffic into two separate streams
	Passive – protects the live network from receiving traffic back through the tap
ZERO Packet Loss	**Zero Packet-Loss** – 100% guaranteed live network uptime even in a power failure
	Fiber-to-Copper – allows the deployment of copper network tools on a fiber link
1000BASE-SX Multimode Fiber	**1000BASE-SX** - supports 1000Mbit/s Multimode fiber networks

Model Options

CC1205	CriticalConneX 1000 Multimode Fiber TAP Module with 2 breakout monitor ports, for installation into CC1000 modular chassis
CC1205-P	Portable form factor with external power supplies, rack mountable using CC1003 racking plate

Technical Specs

Operating Specs

Operating Temperature:	0°C to 58°C
Storage Temperature:	-12°C to 72°C
Relative Humidity:	10% to 95% Non condensing

Cable Interface

Fiber cable type:	Corning Multimode 62.5/125 µm
Typical Insertion Loss:	< 5 dB

Connectors

Network Ports:	2 x MM LC Pass through
Monitor Ports:	2 x RJ45 1000 Breakout