Network Critical

providing the MissingLINK™

CriticalConneX™ CC1230

The CC1230 is part of the new generation of TAP products from Network Critical; it is a fully featured, fully configurable tapping solution for singlemode fiber network links, with support for up to 2 gigabit network tools.

The CC1230 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 CC1230 features several configurable operation modes for flexible deployment:
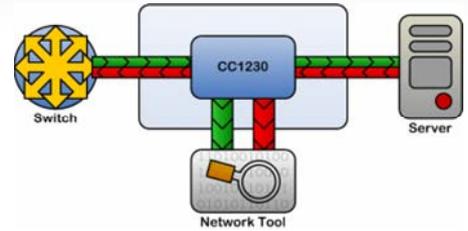
- the traffic that is seen at each monitoring port can be selected as A, or B, or A+B, which means the CC1230 can function as a breakout tap or as a dual-port aggregation tap.
- Passive operation; in addition to the link protection failsafe the CC1230 blocks all traffic coming back from the network tool.
- Link Failure Propagation (LFP) allows simultaneous failover of network interfaces, useful in HA network scenarios.

The CC1230 is available in a portable, stand-alone form factor or as a plug-in module for the CriticaConneX™ enterprise chassis.
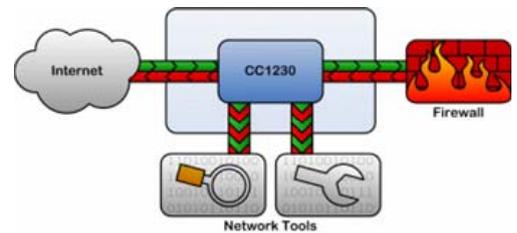
Model Options

CC1230	CriticalConneX Singlemode fiber TAP Module with 2 configurable monitor ports, for installation into CC1000 modular chassis
-P	Portable form factor with external power supplies, rack mountable using CC1003 racking plate

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.

In **COMBI** mode bi-directional live network traffic is combined onto each monitor port, in this way two network tools can be given access to the traffic. This type of deployment is recommended for edge links where traffic levels are lower.

Features

One-To-Many - mirrors a single network link to multiple network tools

A/B Breakout - breaks out the network traffic into two separate streams

A+B Combi - combines the network traffic into a single stream

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-LX - supports 1000Mbit/s Singlemode fiber networks

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 Singlemode 9/125 μm
Typical Insertion Loss:	< 5 dB

Connectors

Network Ports:	2 x SM LC Pass through
Monitor Ports:	2 x RJ45 Configurable