

Highlights

- ☑ Channel data rate up to 11 Gbit/s
- ☑ Fully flexible "any-to-any" color/fiber/budget choice for each port on each channel because of standard SFP or SFP+ use
- ☑ Selection of multi-mode, single-mode, WDM, CWDM or DWDM for each port individually
- ☑ Fully protocol transparent
- ☑ Support of Link Pass Through
- ☑ Power Supply for 100-240V AC or -48V DC
- ☑ Option: Redundant Power Supply

modular CONV 2004/2008

Flexible SFP/SFP+ Fiber Converter



The modular CONV 2004/2008 is a flexible fiber optic converter and repeater. It has four or eight independent channels that each allow a data rate of up to 11 Gbit/s. Signal regeneration (re-amplification and re-shaping) on each channel is included.

The chance to complete any port of each channel with individually selectable fiber optic SFP or SFP+ modules makes it

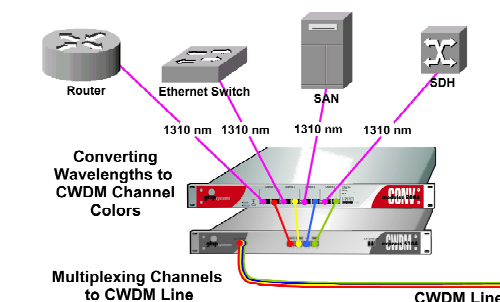
suitable for use in a wide range of applications.

This device supports SFP modules with up to 4 Gbps and SFP+ modules with up to 11 Gbps.

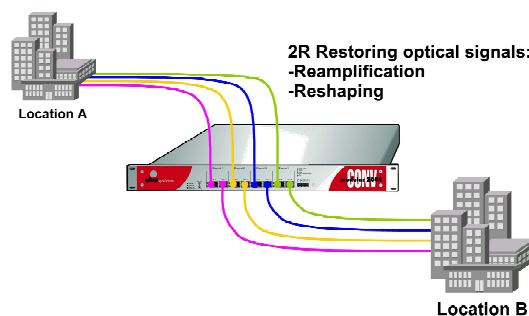
Due to its power supply and fan redundancy, this device is also well-prepared for use in environments with demand for high reliability.

Application Examples

- "Any-to-any" Fiber Optic Converter
- Fiber Optic 2R Repeater for Long Distance Transmission
- Color Generator for passive CWDM/DWDM Systems



The modular CONV converting four independent applications each with 1310 nm to CWDM color scheme



The modular CONV working as a Fiber Optic 2R Signal Regenerator for four fiber optic lines

modular CONV 2004/2008

Flexible SFP/SFP+ Fiber Converter

Specification

Number of Channels	4/8 independent Converter/Repeater Channels
Fiber Optic Interfaces	2 SFP / SFP+ Module Slots per Channel: In and Out
Signal Regeneration	2R (Re-shaping, re-amplification)
Data Rates	Any data rate from 0.1Gbps up to 11 Gbps depending on the installed SFP / SFP+ Modules
DIP Switch Configuration	For each channel: Link Pass Through Enable / Disable Data rate Low / High
LED Display	Power Supply 1 Power Supply 2 For each channel: In and Out
Power Supply	One or Two Plugs with 2 x 100 - 240V AC or 2 x -48V DC
Fans	Redundant Fan
Mechanical	19" 1HU, Depth 200 mm
Environmental	Temperature 0-40°C, Humidity max. 90%, Non-condensing

Ordering Information

modular CONV2004 2R Fiber Optic Converter/Repeater 4 independent Channels, each with 2 SFP / SFP+ Module Slots, integrated Power Supply and redundant Fan	with 1 x 100-240V, european Plug Order Code: G2004-1EU
	with 2 x 100-240V, european Plug Order Code: G2004-2EU
	with 1 x -48V Power Supply Order Code: G2004-148
	with 2 x -48V Power Supply Order Code: G2004-248
modular CONV2008 2R Fiber Optic Converter/Repeater 8 independent Channels, each with 2 SFP / SFP+ Module Slots, integrated Power Supply and redundant Fan	with 1 x 100-240V, european Plug Order Code: G2008-1EU
	with 2 x 100-240V, european Plug Order Code: G2008-2EU
	with 1 x -48V Power Supply Order Code: G2008-148
	with 2 x -48V Power Supply Order Code: G2008-248