



FLASHLINK

FC-3G-EO-36 / FC-3G-OE-36 / FC-HD-EO-OE-36

36 channel optical converter in 1RU

Flashlink Compact is a 36 channel optical converter in 1 RU perfect for transporting multiple SD/HD/3G-SDI signals in-house or through campus.

The product gives easy access to all optical SFP modules from the front of the chassis enabling easy upgrade of the system. In addition, two optical 18-channel CWDM filters can be fitted in the front, allowing all signals to be transported over two fibers. With the electrical cabling at the back, the more fragile optical cabling are separated from the rest of the cables ensuring easier and safer cable routing in the broadcast facility.

The Flashlink Compact also has dual set replaceable fans that are accessible from the front and that can be quickly dismantled—ensuring no down time during service. The dual fans are monitored separately, in conjunction with the redundant power supplies and signal status, through the Multicon web or SNMP interfaces, ensuring full reporting of system performance at all times.

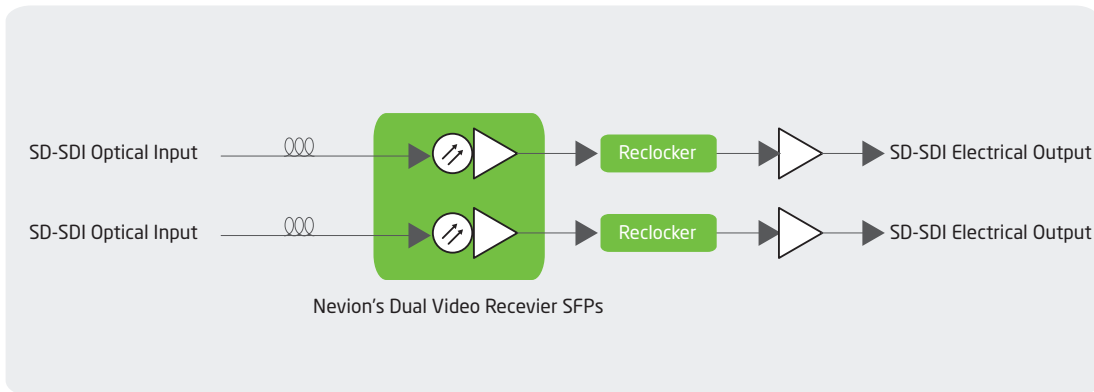
Applications

- Broadcast in-house/campus networking
- Professional broadcast contribution
- Live media networking
- Fiber video networks

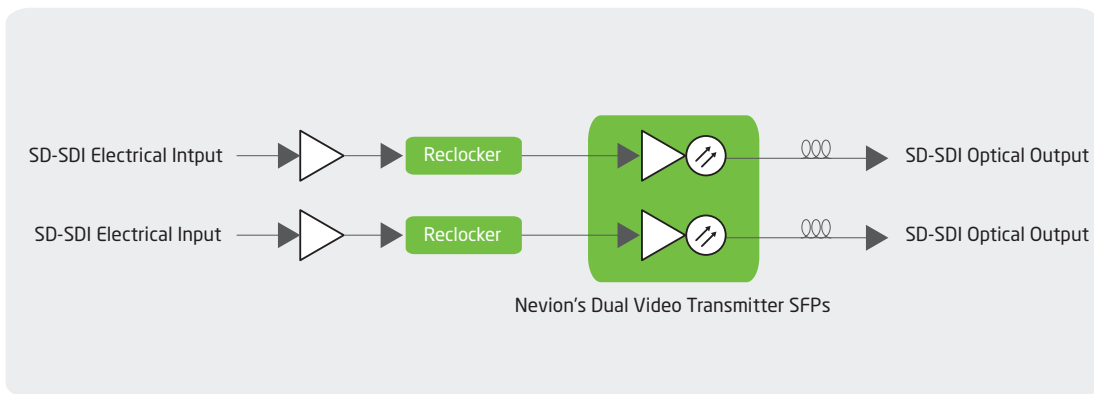
Key features

- High density, 36 channels on 1RU
- Built-in 2x 18 channel CWDM filters (optional)
- Nevision advanced SFP range supported
- Re-clocking of 3G/HD/SD-SDI, DVB-ASI
- External redundant power supply)
- Field replaceable fans
- SNMP and Web interface control and monitoring supported thru Multicon GYDA
- Signal status LED in front for each optical signal
- Low power consumption

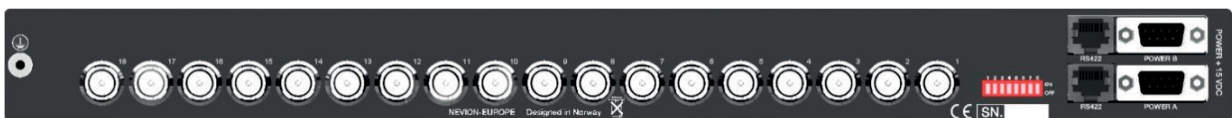
Flashlink FC-3G-EO-36 / FC-3G-OE-36 / FC-HD-EO-OE-36



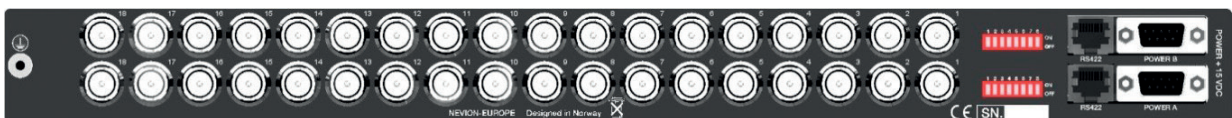
FC-3G-OE



FC-3G-EO



FC-3G-EO-18/FC-OE-3G-18



FC-3G-EO-36/FC-OE-3G-36/FC-3G-EO/OE-36



SFP-3G-OE-2

Flashlink FC-3G-EO-36 / FC-3G-OE-36 / FC-HD-EO-OE-36

Supported standards

SD-SDI, 270Mbps	SMPTE 259M
HD-SDI, 1485Mbps	SMPTE 292-2008
3G-SDI, 2999Mbps	SMPTE 424M
DVB-ASI	EN50083-9
Fiber transmission	SMPTE 297-2006

Dual Rx SFP sockets

For specifications see datasheet for respective SFP module

Dual Tx SFP sockets

For specifications see datasheet for respective SFP module

Electrical SDI input

Connectors	BNC 75 Ohm
Cable equalization	Automatic 150m @ 2970Mbps w/Belden 1694A 250m @ 1485Mbps w/Belden 1694A 350m @ 270Mbps w/Belden 8281
Input return loss	>15dB, 5 - 1485MHz >10dB, 1485 - 2970MHz

Electrical SDI outputs

Connectors	BNC 75 Ohm
Output signal level	800mV +/- 10%
Output jitter	SD/HD 0.2UI, 3G 0.3UI
Output return loss	>15dB, 5 - 1485MHz >10dB, 1485 - 2970MHz

Physical and environmental

Power	+15V DC / 26W, max
Weight	2.0kg, 2.4kg with dual power
Size	1.7' x 19' x 7.5' (H x W x D) 43.4mm x 482.6mm x 190mm (H x W x D)
Control Web interface and SNMP support thru Multicon GYDA Status LEDs in front DIP switch configurations in back	
Operating temperature	0 to +40°C
Data rate reclocked	270, 1485, 1485/1001, 2970, 2970/1001Mbps
Data rate non-reclocked	19.4 to 2970Mbps

Ordering options

21918 FC-3G-OE-36+1C	Flashlink Compact 36xOE w/ 1x 18Ch CWDM filter
21919 FC-3G-EO-36+1C	Flashlink Compact 36xEO w/ 1x 18Ch CWDM filter
21920 FC-3G-EO-OE-36+1C	Flashlink Compact 18xEO + 18xOE w/ 1x 18Ch CWDM filter
21921 FC-3G-OE-36+2C	Flashlink Compact 36xOE w/ 2x 18Ch CWDM filter
21922 FC-3G-EO-36+2C	Flashlink Compact 36xEO w/ 2x 18Ch CWDM filter
21923 FC-3G-EO-OE-36+2C	Flashlink Compact 18xEO + 18xOE w/ 2x 18Ch CWDM filter
21924 FC-3G-OE-36	Flashlink Compact 36xOE
21925 FC-3G-EO-36	Flashlink Compact 36xEO
21926 FC-3G-EO-OE-36	Flashlink Compact 18xEO + 18xOE
21927 FC-3G-EO-18	Flashlink Compact 18xEO
21928 FC-3G-OE-18	Flashlink Compact 18xOE

12876 Power supply Sublime series (CLP0090-0000)

SL-PWR-90 90W

Single power supply SL-PWR-90 included, prepared for redundant power supply.

SFPs are ordered separately.

For ordering information please contact product@nevision.com



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