

GIGALIGHT Marketing Report Special Issue on UHD Video & Consumer Optics

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New Products

In July 2022, GIGALIGHT introduces 48G-SDI (4X12G) broadcast-grade video optical transceiver kit solution. This solution fulfills the requirement of transmitting 4 uncompressed 12G-SDI signals over a 20km single-mode fiber, enabling users to quickly deploy 8K uncompressed SDI baseband fiber extensions and simplifying user operations.

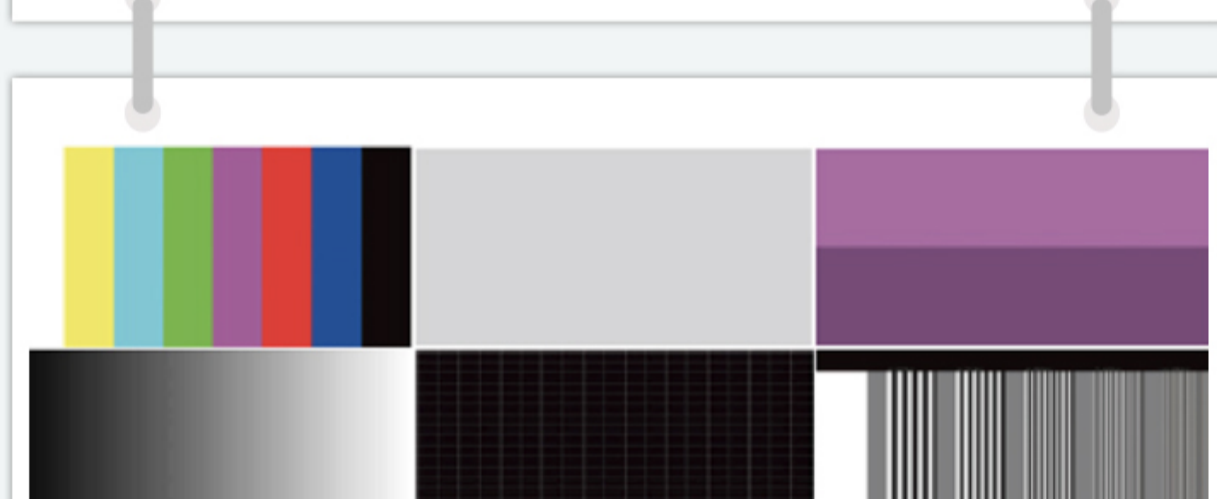
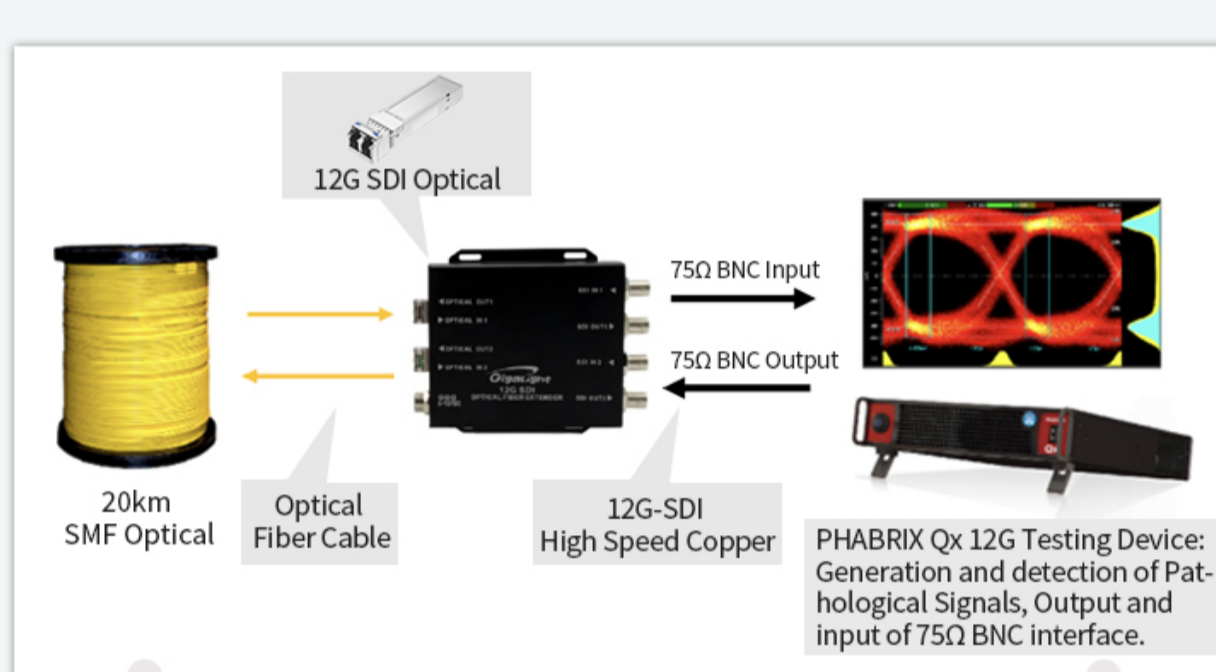


GIGALIGHT's 48G-SDI (4X12G) broadcast-grade video optical extender kit includes a transmitting optical transceiver, a receiving optical transceiver and two external power supplies. Each 12G-SDI channel is independent, the rate is backward compatible, and it is supporting any SDI working rate from 270Mbit/s to 12Gbit/s.

Extended Reading

GIGALIGHT 12G-SDI Self-developed Test Platform Introduction

The GIGALIGHT 12G-SDI self-developed test platform can pass the 12G-SDI error-free morbid frame stress test, while the test electric eye parameters, amplitude, jitter and settling time are all compliance with the SMPTE protocol standard.



The 12G pathological signals testing uses 100% Bars such as 4096*2160 P47.95/P48/P50/P59.94/P603840*2160 P50/P59.94/60.

SALE Brand Sales



18Gbps HDMI 2.0 Type-A AOC

From **\$21**

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- Transmission distance up to 100m
- 18Gbps(3*6Gbps)
- Support 4K@60/3D/1080p/1080i/720p format
- Support DHCP/EDID/CEC/DDC and Audio



48Gbps HDMI 2.1 Type-A AOC

From **\$31**

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- Transmission distance up to 100m
- 48Gbps(4*12Gbps)
- Support 8K@60Hz/4K@120Hz/1080p/1080i/720p format
- Support DHCP/EDID/CEC/DDC and Audio

Other Hot Products

Industrial Control Industrial Video

AR HD USB3.0 High-speed Optoelectronic Hybrid Cable

View with Better Clarity.
See with Infinite Eyesight



Protocol	Male USB HOST The HOST supports USB3.1/USB3.0 USB Device Support: USB3.0/USB3.1 Backwards compatible with USB2.0, USB1.1
Support Functions	Supports USB3.0/USB3.1 and data transmission
Port Type	Type-A male, Type-A female
Data Rate	5Gbps/10Gbps
Working Voltage	The male head is powered by the HOST port and the female head is powered by the external Micro B port
Maximum Transmission Distance	100m

*If you are interested in our products or solutions, please reply to the email directly to explain your needs, and our sales manager will get in touch with you as soon as possible!

Gigalight

Open Optical Network Device Explorer