

fiber options

OH-TX-12G-SDI SFP Data Sheet

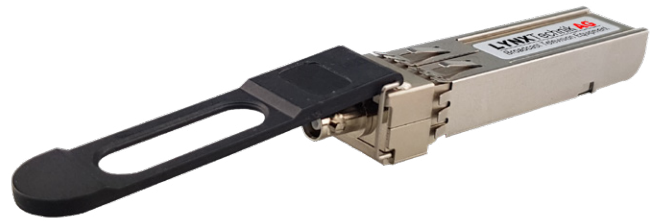
12G SDI Single Channel Electrical Transmitter

- Supports pathological patterns 12G-SDI, 6G-SDI, 3G-SDI and HD-SDI
- Support for SMPTE 2082, SMPTE 424M, SMPTE 292M.
- SFF-8431 compliant.
- Micro BNC or High-Density BNC Connector
- For use with greenMachine, yellobrik and Series 5000 product lines
- Compatible with AES10 (MADI)
- Pluggable and hot swappable
- Lead free and RoHS compliant

The OH-TX-12G-SDI single channel electrical transmitter is an integrated plug in option for selected LYNX Technik products. This SFP module facilitates the transmission of SDI electrical signals up to ST-2082-1 (12G), ST-2081-1 (6G), ST-424 (3G) and ST-292 (HD) via micro BNC connector.

The OH-TX-12G-SDI module can be used as an electrical output for LYNX products which provide an SFP slot. This module is paired with OH-RX-12GSDI single channel electrical receiver module to transmit signals up to a maximum distance of 65m at 12Gbps.

A socket, or a "cage" is provided for the SFP in the supporting LYNX product for easy installation or upgrade. This SFP module is hot swappable.



Specifications

SDI Output (TX)	
Video Standards	Multi-standard operation from ST 2082-1 (12G), ST-2081-1 (6G), ST-424 (3G), and ST-292 (HD)
Connection	Micro BNC
Impedance	75Ω
Output swing, single ended (mVp-p)	400 (min) to 800 (max)
Serial Data Rate 12G (ST-2082M)	11868~11880 (Mbps)
Serial Data Rate 6G (ST-2081M)	5934~5940 (Mbps)
Serial Data Rate 3G (ST-424M)	2967~2970 (Mbps)
Serial Data Rate 1.5G (ST-292M)	1483~1485 (Mbps)
Testing cable model:	Belden 1694A

Mechanical	
Size (not including connector - (typ)	57mm x 13.4mm x 12.4mm
Weight	50g
SFP Connector pinning	MSA
Operating Temperature Range	5°C - 40°C
Power Supply Voltage	3.3V DC
Power Consumption	0.6 W
Humidity (Non Condensing)	85%

Ordering Information

EAN / UPC	Model	Description
4250479326651	OH-TX-12G-SDI	12G/6G/3G/HD video SFP, Transmitter, High Density BNC connector

Country of manufacture: Taiwan

LYNXTechnik **AG**®

www.lynx-technik.com

LYNX Technik AG
Brunnenweg 3
D-64331 Weiterstadt
Germany
PH +49 (0) 6150 1817 0
info@lynx-technik.com

LYNX Technik Inc
26366 Ruefher Ave.
Santa Clarita, CA 91350
USA
PH +1 (661) 251 8600
info@lynx-usa.com

LYNX Technik Pte Ltd
114 Lavender Street
#05-92 CTHub2
Singapore, 338729
PH +65 6702 5277
infoasia@lynx-technik.com

OH-TX-12G-SDI_rev1.4
Specifications subject to change