

fiber options

OH-RX-0-850-MM Fiber SFP Data Sheet

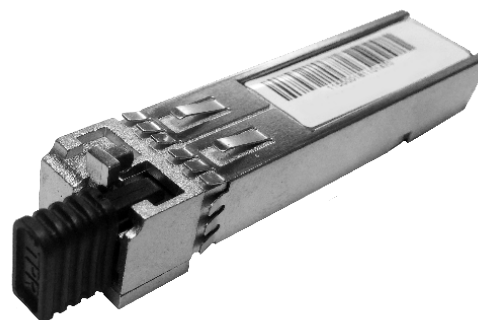
3Gbit SDI Optical Receiver - Multimode

- SDI multi-rate optical receiver for 3G-SDI, HD-SDI and SD-SDI signals
- Support for SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI
- Supports Multimode fiber @ 850nm wavelength
- LC Simplex fiber connector
- For use with yellobrik and Series 5000 product lines
- Pluggable and hot swappable
- Lead free and RoHS compliant

The OH-RX-0-850-MM SDI optical receiver is an integrated part or plug in option for select LYNX Technik yellobrik and Series 5000 products. This module facilitates the conversion of the SDI optical signal into an electrical signal for further processing within these products. This module is for use with Multimode fiber and wavelengths of 850nm

The module accommodates 270Mbit / 1.485Gbit and 2.97Gbit SDI signals conforming to SMPTE 424M, 292M, 259M and DVB-ASI.

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



Shown with dust cap fitted

Specifications

Parameter		Min	Typ	Max
Receiver Sensitivity	2.97 Gb/s	-15 dBm	-	-
	1.485 Gbit/s	-16 dBm	-	-
	270 Mbit/s	-16 dBm	-	-
Wavelength		780nm	850nm	880nm
Overload		-	-	0 dBm
Loss of Signal Asserted		-28 dBm	-	-
Loss of Signal De-Asserted		-	-	-16 dBm
Optical Hysteresis		1 dBm	-	6 dBm
Operating Temperature Range		5°C	-	40°C
Power Supply Voltage		3.13 VDC	3.3 VDC	3.47VDC
Power Consumption		-	120 mA	160 mA
Humidity (non condensing)		-	-	90%

Mechanical

Parameter	
Size (not including connector - typ)	57mm x 13.4mm x 12.4mm
Weight	50g
SFP Connector pinning	MSA
Fiber connections	LC / Simplex - Multimode

Country of manufacture: Taiwan

Ordering Information

EAN / UPC	Model	Description
4250479318274	OH-RX-0-850-MM	3G SDI Fiber Receiver - Multimode

Note. Recommended for use with Fiber Transmitter SFP **OH-TX-0-850-MM**



Rev 1.1 Specifications subject to change

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