



OPTION

DUAL OPTICAL RECEIVER

This dual channel optical receiving Non-MSA SFP module is an option for the PHRXM-A or PHRXM-AE Rx modules and allows dual optical video signals to be analysed for dual link or 3G-SDI applications.

The **PHSFP-2R30-1310** is a dual channel optical receiver module designed to receive optical serial digital signals as defined in SMPTE 297-2006. It has been specifically designed for robust performance in the presence of SDI pathological patterns for SMPTE 259M, SMPTE 344M, SMPTE 292M and SMPTE 424M serial rates.

It contains two independent receivers designed to provide error-free transmission of signals from 50Mb/s to 3Gb/s over single mode fibre (9/125). It is suitable for both 1310nm and 1550nm wavelength transmitters.

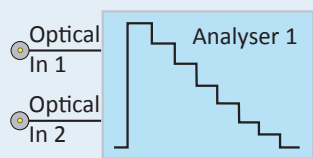
Note that Non-MSA SFP modules were developed for video broadcast and their pin-outs and signal levels are not compatible with MSA SFP modules. The actual data transmitted via the optical fibre, however, is identical.

OPTICAL TRANSMITTER

Package type	Non-MSA VideoSFP
Dimensions	56.5mm x 13.4mm x 8.6mm
Compatibility	SMPTE 297-2006
Support	3G-SDI, HD-SDI, SD-SDI
Optical Outputs	2
3Gb/s Pathological Receive	Sensitivity -23dBm
Receiver Optical Wavelength	1260-1620nm
Data Rate	50-3000 Mb/s
Power	600mW
Specifications	SMPTE 424M, 292M, and 259M
Purpose	Optical video/audio input

OPTICAL CONNECTOR REQUIREMENTS

An LC connector with PC/UPC polish is required for each port.



ORDERING INFORMATION

Option Code **PHSFP-2R30-1310**



Dual Channel Optical Receiver SFP Module

FEATURE HIGHLIGHTS

- RX INSTRUMENT OPTICAL INTEGRATION
- NON-MSA VIDEO SFP PACKAGE
- EXCELLENT OPTICAL RECEIVER PERFORMANCE
- EXCEEDS SMPTE 297-2006 SPECIFICATIONS
- ERROR-FREE RECEPTION OF SIGNALS FROM 50MBPS TO 3GBPS
- HOT PLUGGABLE
- SELECTABLE FROM RX INTERFACE
- ROHS COMPLIANT
- 56.5MM X 13.4MM X 8.6MM SFP PACKAGE

AVAILABLE FOR

- SINGLE ANALYZER DUAL INPUT PHRXM-A
- ANALYZER WITH EYE PHRXM-AE
- RX2000 INSTRUMENT
- RX1000 INSTRUMENT
- RX500 INSTRUMENT

