

OPTION

DUAL OPTICAL TRANSMITTER

This dual channel optical transmitter Non-MSA SFP module is an option for the PHRXM-GDL Rx module and allows the generation of dual optical video test signals for dual link or 3G-SDI applications.

The **PHSFP-2T30-1550** is a dual channel optical transmitter module designed to transmit 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 1550nm transmitters, designed to provide error-free transmission of signals from 50Mb/s to 3Gb/s over single mode fibre (9/125).

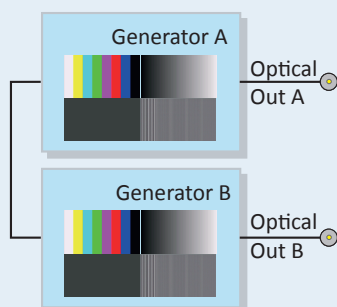
Note that Non-MSA SFP modules were developed for video broadcast and their pin-outs and signal levels are not compatible with MSA SFP modules. The actual data transmitted via the optical fibre, however, is identical.

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
Transmitter Centre Wavelength	1550nm
Data Rate	50-3000 Mb/s
Power	600mW
Temp range	0 to +70 (C)
Specifications	SMPTE 424M, 292M, and 259M
Purpose	Optical video/audio output

OPTICAL CONNECTOR REQUIREMENTS

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



ORDERING INFORMATION

Option Code **PHSFP-2T30-1310**



1550nm Dual Channel Optical Transmitter 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

- DUAL OUTPUT GENERATOR PHRXM-GDL
- RX2000 INSTRUMENT
- RX1000 INSTRUMENT
- RX500 INSTRUMENT
- PHRXM-GDL MODULE

