

OPTION DUAL OPTICAL TRANSMITTER

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

The PHRXM-OPTGG 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.

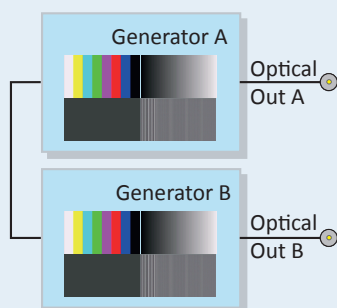
It contains two independent 1310nm transmitters, designed to provide error-free transmission of signals from 50Mb/s to 3Gb/s over single mode fibre (9/125).

OPTICAL TRANSMITTER

Package type	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
Nominal Optical Wavelength	1260-1620nm
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 PHRXM-OPTGG



1310nm Dual Channel Optical Transmitter SFP Module

FEATURE HIGHLIGHTS

- RX INSTRUMENT OPTICAL INTEGRATION
- 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-GG
- RX2000 INSTRUMENT
- RX1000 INSTRUMENT
- RX500 INSTRUMENT

