

Dual Channel 3Gbit Fiber to SDI Receiver

- Supports SDI video up to 3Gbit/s (1080p60)
- Dual Channel
- Error free optical reception
- 1260nm-1620nm input range
- Duplex LC/PC single mode input connection
- Supports hot swapping and hot plugging

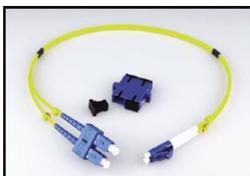


The ORR 1802 is a compact dual channel fiber optic receiver designed to combat the restrictions involved with the distribution of uncompressed broadcast quality video signals over long distances.

When paired with the fiber optic transmitters (e.g. yellobrik OTT 1812, OTT 1842) this module provides a very cost effective dual channel optical transmission / receiver system for signals up to 1080p60 (3Gbit/s), while preserving full uncompressed quality.

The ORR 1802 is compatible with any video signal according to SMPTE 424M, SMPTE 292M and SMPTE 259M standards, as well as DVB-ASI.

Options



Model# **LC/SC DUP**
LC/PC to SC/PC Adapter



Model# **LC/ST DUP**
LC/PC to ST/SC Adapter

These adapters allow the use of ST or SC fiber connections on the module. SMF 0.5m (19.6") tail introduces less than 0.25dB attenuation.

Technical Specifications

Optical Input	2 x fiber optic Inputs Duplex (single mode) using LC/PC Connections SMPTE 297M - 2006 Hot pluggable Input range (wavelength) 1260nm to 1620nm RX sensitivity -3dBm to -16dBm RX active LED on side of module (SMF) Single mode fiber
SDI Output	2 x SDI video on 75 Ohm BNC connector SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI Multi-standard operation from 270Mbit/s to 3Gbit/s Return Loss: > 15dB to 1.5GHz and > 10dB up to 3GHz
Power	+12VDC power supply (included) (supports external power input from 9 - 14 VDC) Power LED on side of module
Size	105mm x 40mm x 22mm (4.13" x 1.57" x 0.86")
Model #	ORR 1802
Includes	Module, 12V DC power supply and wall mounting brackets (fiber optic cable not included)

Fiber Optic Connection

LC Duplex (single mode)
(not included)



Specifications subject to change