12G, 6G, 3G, 1.5G SDI / Fiber Optic Transceiver

- SDI fiber receiver and transmitter in single package
- Supports 12G, 6G, 3G and 1.5G SDI video standards
- 3Gbit Level A and Level B (support for all formats)
- Auto reclocking 1.5Gbit / 3Gbit / 6Gbit / 12Gbit
- Error free optical transmission
- LC/PC duplex connection
- Singlemode fiber connection
- Up to 10km (6.2 miles) @ 12Gbit/s (singlemode)
- Hot swappable and hot pluggable

The OTR 1410 is a Fiber / SDI transmitter and receiver combined in a single self contained package. It is a convenient and cost-effective solution to combat the restrictions involved with the distribution of uncompressed, high bandwidth, broadcast quality video signals over long distances.

Each OTR 1410 transceiver has an independent transmitter and receiver channel, which provides an effective solution for any SDI signal up to 12Gbit/s [4096×2160 @ 60Hz], while preserving full uncompressed quality.

Operation of the receiver and transmitter is automatic. For transmission, the SDI video format is automatically detected, reclocked and then transmitted over the fiber optic TX connection. For reception, the optical SDI video input signal on the RX connection is automatically detected, reclocked and provided on the SDI output connection.

The OTRX1410 supports 12G, 6G, 3G and 1.5G SDI video standards.

Fiber Adapter Options
These adapter kits allow the use of ST or SC fiber connections on the module. SMF 0.5m (19.6”) tail introduces less than 0.25dB attenuation.

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

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

Power Adapter Options
The kit INCLUDES AC power supplies. The power adapters below are optional.

- **P-TAP 1000**
  Use with a standard battery P-TAP power source.

- **XLR 1000**
  Use with a standard 4 pin XLR camera battery power source.

Specifications subject to change.