12G, 6G, 3G, 1.5G SDI to Fiber Optic Transmitter (CWDM)

- Supports 12G, 6G, 3G and 1.5G SDI video inputs
- 3Gbit Level A and Level B support (all formats)
- Auto reclocking 1.5Gbit / 3Gbit / 6Gbit / 12Gbit
- Reclocked SDI loop output
- Multiple wavelengths available
- Error free optical transmission
- Simplex LC singlemode optical connection
- Supports hot swapping and hot plugging

The OTX 1440 is a compact CWDM SDI to fiber optic transmitter designed to combat the restrictions involved with the distribution of uncompressed broadcast quality video signals over long distances.

When paired with the fiber optic to SDI receiver (e.g. yellobrik ORX 1400) you have a very cost-effective optical transmission / receiver system for signals up to 4096x2160 / 60Hz (12Gbit/s), while preserving full uncompressed quality. Select from up to 18 wavelengths for full CWDM compatibility.

Operation of the OTX 1440 is fully automatic. The SDI video format is detected, reclocked and then transmitted over the fiber optic connection. A reclocked electrical SDI output is also provided.

The OTX 1440 supports 12G, 6G, 3G and 1.5G SDI video standards.

**Power Adapter Options**

The kit includes AC power supplies. The power adapters below are optional.

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

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

**Ordering Info:**

Note: The **OTX 1440** price DOES NOT INCLUDE the fiber transmitter SFP sub module. Please specify the required SFP option from the option list below.

**CWDM Wavelength Options. ITU-T G.694.2** (select one)

<table>
<thead>
<tr>
<th>Wavelength</th>
<th>TX Power</th>
<th>Option #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1270, 1290, 1310, 1330 and 1550, 1570, 1590, 1610 nm</td>
<td>-3...+3 dBm</td>
<td>12Gbit/s: OH-TX-12-xxxx</td>
</tr>
<tr>
<td>1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1510, 1530, 1550, 1570, 1590, 1610 nm</td>
<td>-1dBm (typ.)</td>
<td>3Gbit/s (40km): OH-TX-4-xxxx</td>
</tr>
<tr>
<td>1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1510, 1530, 1550, 1570, 1590, 1610 nm</td>
<td>+3dBm (typ.)</td>
<td>3Gbit/s (80km): OH-TX-8-xxxx</td>
</tr>
</tbody>
</table>

**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 SIM
- Model # LC/ST SIM

Specifications subject to change.