**Parameter**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Temperature</td>
<td>25</td>
<td>°C</td>
</tr>
<tr>
<td>Thermistor Resistance</td>
<td>10.0</td>
<td>kΩ</td>
</tr>
<tr>
<td>Optical Output Power</td>
<td>2</td>
<td>mW</td>
</tr>
<tr>
<td>Threshold Current</td>
<td>-</td>
<td>mA</td>
</tr>
<tr>
<td>Operating Current</td>
<td>250</td>
<td>mA</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>1.3</td>
<td>V</td>
</tr>
<tr>
<td>Monitor Current</td>
<td>0.33</td>
<td>mA</td>
</tr>
<tr>
<td>Monitor Dark Current</td>
<td>0 nA</td>
<td></td>
</tr>
<tr>
<td>Center Wavelength</td>
<td>1530</td>
<td>nm</td>
</tr>
<tr>
<td>Spectral Width @ 1nm resoln</td>
<td>37</td>
<td>nm</td>
</tr>
<tr>
<td>Ripples @ 0.2 nm resoln</td>
<td>8 %</td>
<td></td>
</tr>
</tbody>
</table>

**LIV Test Data**

- **Power (mW)** vs. **Iop (mA)**

**Fiber Type**

- **SMF-28**
- **NA** 0.13
- **Connector** FC/APC

**Pin Connection**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TE Cooler (+)</td>
</tr>
<tr>
<td>5</td>
<td>LD Anode (+)</td>
</tr>
<tr>
<td>7</td>
<td>PD Cathode (+)</td>
</tr>
<tr>
<td>8</td>
<td>PD Anode (-)</td>
</tr>
<tr>
<td>9</td>
<td>LD Cathode (-)</td>
</tr>
<tr>
<td>11</td>
<td>Thermistor</td>
</tr>
<tr>
<td>12</td>
<td>Thermistor</td>
</tr>
<tr>
<td>14</td>
<td>TE Cooler (-)</td>
</tr>
</tbody>
</table>

**Operator** HS  
**Date** 8/6/2004