THFL

1550 nm High Power Fiber Laser

Application
- Test & Measurement
- Industrial

Features
- High Output Power, up to 30W
- User friendly Table top

<table>
<thead>
<tr>
<th>Parameter</th>
<th>THFL-230</th>
<th>THFL-270</th>
<th>THFL-300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength [nm]</td>
<td></td>
<td>1550,1567</td>
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<tr>
<td>Output Power [W]</td>
<td>0.2</td>
<td>0.5</td>
<td>1</td>
</tr>
<tr>
<td>Output Power Tunability [%]</td>
<td></td>
<td>10 ..100</td>
<td></td>
</tr>
<tr>
<td>Mode of Operation</td>
<td>CW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laser Output</td>
<td></td>
<td>Gaussian</td>
<td></td>
</tr>
<tr>
<td>Polarization</td>
<td></td>
<td>Random</td>
<td></td>
</tr>
<tr>
<td>Output Power Stability [%]</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Signal Linewidth [nm]</td>
<td></td>
<td>&lt;1</td>
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</tr>
<tr>
<td>Control Mode</td>
<td></td>
<td>CC &amp; PC</td>
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</tr>
<tr>
<td>Power Supply Voltage [V]</td>
<td></td>
<td>AC 100-240</td>
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</tr>
<tr>
<td>Operating Temperature [°C]</td>
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<td>15 .. 40</td>
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</tr>
<tr>
<td>Optical Connector</td>
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<td>FC/APC</td>
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</tr>
<tr>
<td>Beam Diameter 1/e² [mm]</td>
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<td>NA</td>
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</tr>
<tr>
<td>Beam Quality [M²]</td>
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<td>1.1</td>
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<tr>
<td>Optical Fiber type</td>
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<td>3mm armored cable</td>
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<td>Dimensions [U]</td>
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<td>3U</td>
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<tr>
<td>Communication Interface</td>
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<td>RS-232 via USB</td>
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</table>

Ordering Information
Custom variants are available upon request, please contact our customer service to discuss your specification requirements.
GUI available on request

Specifications are subject to change without notice